Annual Register

OF THE UNITED STATES NAVAL ACADEMY

ANNAPOLIS, MD.

JUNE 4, 1949

ONE HUNDRED AND FIFTH ACADEMIC YEAR

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THE UNITED STATES NAVAL ACADEMY

HISTORICAL SKETCH

The United States Naval Academy is an institution of higher education conducted by the Navy Department for the purpose of preparing young men to enter the lowest commissioned ranks of the Navy and Marine Corps. It was founded as the Naval School in 1845 by the Honorable George Bancroft, historian, educator, and Secretary of the Navy, to improve the then unsatisfactory methods of instructing midshipmen. It was located at Annapolis, Md., on the site occupied by Fort Severn, which was given up for the purpose by the War Department. At first the course was 5 years, of which only the first and last were spent at the school, the intervening 3 years being spent on board ships on active service. It was reorganized in 1850–51 as the United States Naval Academy, with a course of study of 4 consecutive years. A summer practice cruise replaced the omitted sea service, and gave better opportunities for intensive training. During the Civil War the Academy was moved to Newport, R. I., but was brought back to Annapolis in 1865, where it has since remained. In the following years great improvements were effected in the organization and curriculum. From 1873 to 1912 the academic course was 6 years, the last 2 of which were spent at sea. In 1912 the course was fixed at 4 years, the 2 years at sea being omitted. During the Civil, Spanish-American, and World Wars, the course was shortened to provide more officers for the fleets. During the World Wars large classes of reserve officers and reserve midshipmen were trained at the Academy.

The students undergoing the course at the Naval Academy have been called in turn, acting midshipmen, midshipmen, cadet midshipmen and cadet engineers, naval cadets, and since the act of Congress approved July 1, 1902, midshipmen. A midshipman is an officer in a qualified sense. He is appointed a midshipman in the Navy, not merely at the Naval Academy, is subject to the orders and regulations of the Navy Department, but does not now participate in the benefits of retirement or longevity. He may be ordered to sea duty although this is not customary except on practice cruises. He ranks after a commissioned warrant officer, and ahead of a warrant officer. Upon graduation he may be commissioned an ensign in the line of the Navy, or a staff corps, or as a second lieutenant in the Marine Corps. In addition, seven percent (55) of the members of the Class of 1949 were commissioned as second lieutenants in the U. S. Air Force in accordance with instructions of the Secretary of Defense.

Under the Superintendent, the Academy is organized into the following departments: The executive department headed by the commandant of midshipmen who is charged with leadership instruction, interior discipline, drills, and tactical instruction; and the departments of seamanship and navigation, ordnance and gunnery, marine engineering, aviation, mathematics, electrical engineering, English, history and government, foreign languages, hygiene and physical training. At present about 24.0 percent of the academic work is devoted to the social-humanistic subjects, about 45.9 percent to the scientific-engineering subjects and about 30.1 percent to the military-professional subjects.

Beginning in the year 1899, following an appropriation of $10,000,000 by Congress for the purpose, the Naval Academy was almost completely rebuilt in the

French Renaissance style after the designs of the architect, Mr. Ernest Flagg, of New York. The grounds of the Academy proper now comprise 232$\frac{3}{10}$ acres along the west bank of the Severn River, on which are 217 major buildings, representing an investment of about $35,000,000. In addition, 163 temporary units (including an office building) have been erected at a total cost of $1,346,200 to alleviate the housing shortage due to the war.

An act of Congress approved on May 25, 1933, authorized the Superintendent to confer the degree of bachelor of science upon all graduates from and after the date of the accrediting of the Academy by the Association of American Universities. That association placed the Naval Academy on its approved list on October 25, 1930, and graduates commencing with the class of 1931 became eligible for the degree. By virtue of an act of Congress approved July 8, 1937, the Superintendent is now authorized to confer the degree upon all living graduates.

The total number of graduates of the United States Naval Academy, including the class of 1949 is 21,080.

The administration of the Naval Academy is under the Bureau of Naval Personnel, Department of the Navy, Washington, D. C. Entrance requirements are fully set forth in the pamphlet Regulations Governing the Admission of Candidates Into the United States Naval Academy as Midshipmen and Sample Examination Questions, copies of which may be obtained by application to the Bureau of Naval Personnel. A description of the course of instruction is contained in the pamphlet Course of Instruction at the United States Naval Academy, Annapolis, Md., copies of which may be had by applying to the Academy.

SUPERINTENDENTS OF THE UNITED STATES NAVAL ACADEMY

	Assumed command
Commander Franklin Buchanan	Sept. 3, 1845
Commander George P. Upshur	Mar. 15, 1847
Commander Cornelius K. Stribling	July 1, 1850
Commander Louis M. Goldsborough	Nov. 1, 1853
Capt. George S. Blake	Sept. 15, 1857
Rear Adm. David D. Porter	Sept. 9, 1865
Commodore John L. Worden	Dec. 1, 1869
Rear Adm. Christopher R. P. Rodgers	Sept. 22, 1874
Commodore Foxhall A. Parker	July 1, 1878
Rear Adm. George B. Balch	Aug. 2, 1879
Rear Adm. Christopher R. P. Rodgers	June 13, 1881
Capt. Francis M. Ramsay	Nov. 14, 1881
Commander William T. Sampson	Sept. 9, 1886
Capt. Robert L. Phythian	June 13, 1890
Capt. Philip H. Cooper	Nov. 15, 1894
Rear Adm. Frederick V. McNair	July 15, 1898
Commander Richard Wainwright	Mar. 15, 1900
Capt. Willard H. Brownson	Nov. 6, 1902
Rear Adm. James H. Sands	July 1, 1905
Capt. Charles J. Badger	July 15, 1907
Capt. John M. Bowyer	June 10, 1909
Capt. John H. Gibbons	May 15, 1911
Capt. William F. Fullam	Feb. 7, 1914
Capt. Edward W. Eberle	Sept. 20, 1915
Capt. Archibald H. Scales	Feb. 12, 1919
Rear Adm. Henry B. Wilson	July 5, 1921
Rear Adm. Louis M. Nulton	Feb. 23, 1925
Rear Adm. Samuel S. Robison	June 16, 1928
Rear Adm. Thomas C. Hart	May 1, 1931
Rear Adm. David F. Sellers	June 18, 1934
Rear Adm. Wilson Brown	Feb. 1, 1938
Rear Adm. Russell Willson	Feb. 1, 1941
Rear Adm. John R. Beardall	Jan. 31, 1942
Vice Adm. Aubrey W. Fitch	Aug. 16, 1945
Rear Adm. James L. Holloway, Jr	Jan. 15, 1947

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[1] Chairman.
[2] Were not present.

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Lt. (jg) Clyde R. Rockwood.
Lt. (jg) Lloyd L. Brassaw, Jr.
Lt. (jg) John P. Duckett.
Lt. (jg) Emil S. Roth.
Ensign Leonard A. Tepper.
Ensign Gordon E. McPadden.
Ensign Charles R. Anderson.
Ensign Donald L. Hathway.
Ensign Charles R. Jeffs, Jr.
Ensign William C. Newell.
Ensign James S. Brunson.
Lt. Comdr. George J. Braun, Jr., (S. C).
Lt. Comdr. Allen B. Zerfoss (S. C.).
Lt. Comdr. William C. Richardson (S. C.).
Lt. Alan J. White (S. C.).
Lt. (jg) Robert E. Buntain (S. C.).
Lt. Comdr. Robert R. Wooding (C. E. C.).
Lt. Comdr. Robert B. Childers (C. E. C.).
Lt. (jg) Robert F. Schmoker (C. E. C.).
1st Lt. Matthew A. Clary, Jr., U. S. M. C.
2d Lt. Donald E. Gilman, U. S. M. C.
Maj. Hugh F. Foster, Jr., U. S. A.
Maj. Glenn B. Daughton, U. S. A. F.
Maj. Marshal L. Shepherd, U. S. A. F.
Capt. Robert M. Mattison, U. S. A. F.
Senior Prof. Earl W. Thomson, A. B., A. M.
Prof. David G. Howard, B. S., E. E.
Prof. John C. Gray, A. B., A. M.
Prof. John L. Daley, B. S., M. S. in E. E., Ph. D.

*The Academic Board consists of the Superintendent, the Commandant of Midshipmen, and the heads of departments with an asterisk (*) following their respective departmental designations.

Associate Prof. Ralph A. Goodwin, A. B., M. S., Ph. D.
Associate Prof. Henry H. Baker, Jr., A. B., M. S., Ph. D.
Associate Prof. Earl R. Pinkston, B. S.
Associate Prof. Edward J. Cook, B. Ch. E., M. S.
Associate Prof. Winfield D. Pennington, B. Ch. E.
Associate Prof. Robert E. Trumble, Jr., B. S., M. S.
Associate Prof. William M. Smedley, B. S., M. S.
Assistant Prof. J. Ross Heverly, B. S., M. S., Ph. D.
Assistant Prof. Glenn E. Leydorf, B. Engr.
Assistant Prof. John A. Lee, Jr., B. C. E., M. C. E.
Assistant Prof. Walter C. Connolly, A. B., M. S.
Assistant Prof. Peter A. Hall, B. A., M. S.
Assistant Prof. John F. Kelley, Jr., B. S., M. S.
Assistant Prof. John R. Smithson, B. S., M. S.
Assistant Prof. Joseph K. Fleming, B. S., M. Ed.
Assistant Prof. Herbert M. Neustadt, Jr., B. S.
Assistant Prof. Alan P. Bentz, B. S., M. S.
Assistant Prof. Weems E. Estelle, S. B., M. S. in E. E.
Assistant Prof. Henry F. Maling, Jr., B. S. in E. E., S. M., S. D.
Instructor Charles A. Fowler, III, B. S.

DEPARTMENT OF ENGLISH, HISTORY AND GOVERNMENT*

Capt. Robert H. Rice, *Head of Department.*
Capt. James H. Howard, *Executive Officer.*
Commander Richard C. Steere.
Commander Francis M. Gambacorta.
Lt. Comdr. Henry M. Kosciusko.
Lt. Comdr. George T. Lillich.
Lt. Comdr. William W. Evans, N. R.
Commander Richard L. Myers (S. C.).
Commander Robert F. Lynch (S. C.).
Lt. Comdr. John M. Gore (S. C.).
Lt. Comdr. Robert H. Lindig (S. C.).
Lt. Comdr. John F. Sieck (S. C.).
Lt. Gerald C. Lemmon (S. C.).
Lt. Carlos H. Handforth, Jr. (S. C.).
Lt. Alfred J. Shepherd (S. C.).
Lt. (jg) Russell A. Jones (S. C.).
Lt. Col. Richard W. Wallace, U. S. M. C.
Lt. Col. Donald C. Merker, U. S. M. C.
Lt. Col. John G. Gross, U. S. A. F.
Capt. John C. Adams, Jr., U. S. A. F.
Senior Prof. Royal S. Pease, A. B.
Prof. Henry F. Sturdy, A. B., M. A.
Prof. Charles L. Lewis, B. S., B. A., M. A.
Prof. William A. Darden, A. B., A. M.
Prof. Allen B. Cook, B. S., M. A.
Prof. Richard S. West, Jr., B. A., M. A.
Associate Prof. Elmer B. Potter, B. A., M. A.
Associate Prof. Robert D. Bass, A. B., M. A., Ph. D.
Associate Prof. James R. Cutting, B. S., M. A.
Associate Prof. John C. Reed, A. B., B. Litt.
Associate Prof. Neville T. Kirk, B. A., M. A.
Associate Prof. Arthur S. Pitt, B. A., M. A., Ph. D.
Associate Prof. Ellery H. Clark, Jr., A. B.
Associate Prof. John R. Fredland, A. B.
Associate Prof. Douglas R. Lacey, A. B., M. A.
Associate Prof. William W. Jeffries, A. B., M. A., Ph. D.
Associate Prof. Elmer J. Mahoney, A. B., LL. B.
Associate Prof. Edwin M. Hall, B. A., M. A.
Associate Prof. James T. Pole, B. A., M. A.
Assistant Prof. Haney H. Bell, Jr., A. B.
Assistant Prof. Charles L. Crane, Jr., A. B., M. A.
Assistant Prof. Frank E. Duddy, Jr., A. B., A. M., Ph. D.

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Assistant Prof. Wilson L. Heflin, A. B. M. A.
Assistant Prof. Herbert A. Wycherley, B. A., M. A.
Assistant Prof. Thomas P. Carpenter, B. A., M. A., Ph. D.
Assistant Prof. Paolo E. Coletta, B. S. Ed., A. M., Ph. D.
Assistant Prof. Robert W. Daly, Ph. B., M. A., Ph. D.
Assistant Prof. Edward J. Goodman, A. B., M. A.
Assistant Prof. Frederick G. Holahan, A. B., A. M.
Assistant Prof. Hope H. Lumpkin, B. A., M. A.
Assistant Prof. Robert L. Mason, B. S. M. A., Ph. D.
Assistant Prof. John P. C. McCarthy, A. B., A. M.
Assistant Prof. William B. Prendergast, B. A., M. A., Premiere Licence en Sciences Politiques et Sociales, Ph. D.
Assistant Prof. Herman O. Werner, A. B., A. M., Ph. D.
Assistant Prof. John P. Boatman, A. B., M. A.
Assistant Prof. Paul C. Dunleavy, A. B., M. A.
Assistant Prof. Robert M. Langdon, B. S., M. A.
Assistant Prof. John R. Probert, A. B., M. A.
Assistant Prof. James H. F. Brewer, B. A., M. A.
Assistant Prof. Thomas Boyajy, B. A., M. A.
Assistant Prof. Winston B. Lewis, A. B., M. A., Ph. D.
Assistant Prof. Robert H. Newall, B. A., M. A.
Assistant Prof. Rocco M. Paone, A. B., M. A.

DEPARTMENT OF FOREIGN LANGUAGES*

Capt. Francis R. Duborg, *Head of Department.*
Capt. Dana B. Cushing, *Executive Officer.*
Commander Marion F. Ramirez de Arellano.
Commander Howell A. Lamar, N. R.
Commander Ralph J. Michels.
Ensign Theodore R. Tenczar.
Capt. August Kursar, U. S. A. F.
Capt. Alfonse R. Miele, U. S. A. F.
Senior Prof. Homer B. Winchell, A. B., A. M.
Prof. George E. Starnes, A. B.
Prof. Angel Cabrillo-Vazquez, B. S., A. M.
Prof. William H. Sewell, B. S., M. A.
Associate Prof. Alden R. Hefler, B. A., M. A., Ph. D.
Associate Prof. Rene F. Muller, B. A., M. A.
Associate Prof. Henry W. Drexel, A. B., M. A.
Associate Prof. Claude P. Lemieux, B. A., A. M.
Associate Prof. William H. Berry, B. A., A. M.
Associate Prof. Paul M. Beadle, A. B., M. A.
Associate Prof. William H. Buffum, A. B., M. A.
Associate Prof. Charles R. Michaud, B. A., M. A.
Associate Prof. Edward T. Heise, B. A., M. A.
Associate Prof. James H. Elsdon, B. A., M. A., Ph. D.
Associate Prof. John D. Yarbro, A. B., A. M.
Assistant Prof. Wesley W. Sewell, A. B.
Assistant Prof. Clarence A. Pritchard, B. A., M. A.
Assistant Prof. Oscar Fernandez, A. B., M. A.
Assistant Prof. Harry R. Keller, Jr., A. B., M. A., LL. B.
Assistant Prof. Edward H. Taliaferro, A. B.
Assistant Prof. Kendall E. Lappin, A. B., A. M.

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Assistant Prof. Guy J. Riccio, B. A., M. A.
Assistant Prof. John E. Griffiths, A. B.
Assistant Prof. Kurt P. Roderbourg, M. A.
Assistant Prof. Joseph P. d'Elia, A. B., M. A.
Assistant Prof. Edward J. Satterthwaite, A. B., A. M.
Assistant Prof. John A. Hutchins, B. A., M. A.
Assistant Prof. Ernest A. De Rosa, B. A., M. A.

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Capt. Henry H. Caldwell, *Head of Department and Director of Athletics.*
Commander Robert E. Dornin, *Executive Officer.*
Commander Kenneth G. Schacht.
Lt. Comdr. Anthony J. Rubino, N. R.
Lt. Comdr. David G. Busey, N. R.
Lt. Vito L. Vitucci,
Lt. (jg) Hillis D. Hume.
Ensign James G. Dickson, Jr.
Lt. Comdr. Robert Penington, Jr. (M. C.).[1]
Maj. Edward B. DeGroot, Jr., U. S. A. F.
Capt. Robert B. Spear, U. S. A. F.
Associate Prof. Frank J. Sazama.
Associate Prof. Henry Ortland, Jr.
Associate Prof. John N. Wilson.
Associate Prof. Tom G. Taylor.
Associate Prof. Frank L. Foster.
Associate Prof. Walter Aamold.
Associate Prof. Raymond H. Swartz, B. S.
Assistant Prof. Hamilton M. Webb.
Assistant Prof. Arthur H. Hendrix, A. B.
Assistant Prof. Floyd H. Warner, B. S., M. Ed.
Assistant Prof. Bernard L. Carnevale, B. S.
Assistant Prof. Chester W. Phillips, B. S.
Assistant Prof. John N. Rammacher, B. S.
Assistant Prof. Karl A. Kitt, B. S.
Assistant Prof. Harvey A. Muller, Jr., B. S., A. M.
Assistant Prof. Willis P. Bilderback, Litt. B., Ed. M.
Assistant Prof. Andre R. Deladrier, B. S., M. A.

NAVAL ACADEMY ATHLETIC ASSOCIATION COACHES

Edgar E. Miller, A. B., A. M., Ph. D., *Assistant Director of Athletics.*
Max F. Bishop.
Henry V. Bradford, B. S.
John C. Donohue, B. S.
Joseph Fiems.
Raymond E. Gadsby, B. S. Ed.
D. Robert Ingalls, B. S.
James J. Manning.
William H. Moore III, A. B.
Alan J. Richards, B. S.
George H. Sauer, B. S., M. A.
Earl J. Thomson, B. S.
J. Robert Williams

DEPARTMENT OF HYGIENE*

Capt. Jesse W. Allen (M. C.), *Head of Department*

PUBLIC WORKS DEPARTMENT

Capt. Horace B. Jones (C. E. C.), *Public Works Officer.*
Commander Harry H. Bagley (C. E. C.).
Commander Thomas J. DuMont (C. E. C.).
Lt. (jg) Leland A. Daub (C. E. C.).

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[1] Additional duty in department of hygiene.

SUPPLY DEPARTMENT

Commander Robert M. Bowstrom (S. C.), *Supply Officer.*
Lt. Comdr. Alfred D. Cox (S. C.).
Lt. Comdr. Joseph H. Baker (S. C.).
Lt. Donald F. Baumgartner (S. C.).
Ensign Charles R. Braley (S. C.).
Chief Pay Clerk Alvah Lanning, Jr.

MEDICAL DEPARTMENT

Capt. Jesse W. Allen (M. C.), *Senior Medical Officer.*
Capt. James R. Reid, Jr. (M. C.).
Commander Edward A. Hynes (M. C.).
Commander Rodney R. Gleysteen (M. C.).
Lt. George H. Tarr, Jr. (M. C.).
Lt. (jg) Richard K. Kleppinger (M. C. R.), N. R.
Lt. (jg) Lloyd L. Lancaster (M. C. R.), N. R.
Lt (jg) John D. Reitz (M. C. R.), N. R.
Lt. (jg) Joseph A. Fleetwood, Jr. (M. C. R.), N. R.
Lt. (jg) James R. Browning (M. C. R.), N. R.
Lt. Clifford R. Lawson (M. S. C.).
Lt. (jg) Frank A. Bruce (M. S. C.).
Lt. (jg) Joseph W. Schurhammer (M. S. C.).

DENTAL DEPARTMENT

Capt. Daniel W. Ryan (D. C.), *Senior Dental Officer.*
Commander Caryl J. Hoffer (D. C.).
Commander Myron G. Turner (D. C.).
Commander William B. Johnson, Jr. (D. C.).
Commander Walter B. Lett (D. C.).
Commander Clyde H. Walsworth (D. C.).
Commander Kenneth L. Longeway (D. C.).
Commander Gerald H. Bonnette (D. C.).
Commander James P. Donnelly (D. C.).
Commander Frank T. Wais (D. C.).
Lt. Comdr. Clarence E. Dawson (D. C.).
Lt. Comdr. William A. Aldridge (D. C.).
Lt. Comdr. Robert L. Joseph (D. C.).
Lt. Oscar C. Tack (M. S. C.).

CHAPLAINS

Commander Roy E. Bishop (Ch. C.), *Chaplain*
Lt. Comdr. Henry J. Rotrige (Ch. C.)
Lt. Robert N. Stretch (Ch. C.)

MUSEUM

Capt. Harry A. Baldridge (ret.), *Director*

LIBRARY

Associate Prof. Louis H. Bolander, A. B., *Librarian*

U. S. NAVAL STATION

Capt. Charles L. Freeman, *Commanding Officer; additional duty as Commanding Officer, Naval Barracks, U. S. S. "Reina Mercedes" (IX 25).*
Commander Charles E. Loughlin, *Executive Officer; additional duty as Executive Officer, Naval Barracks, U. S. S. "Reina Mercedes" (IX 25).*
Commander Henry G. Shonerd, Jr.
Lt. Clyde D. Bailey.
Lt. Paul D. Drummond.
Lt. Charles C. Hagner.
Lt. Alonzo E. Belch, Jr.
Lt. Joseph E. Linskey.
Lt. Frank Siatkowski, (ret.).
Lt. (jg) Joseph A. Glass.

Lt. (jg) Junius J. Clarkson, Jr.
Commander Richard W. Worthington, Jr. (M. C.).[2]
Lt. (jg) Carlton L. Sexton (M. C. R.), N. R.
Lt. (jg) Joseph P. Fairbanks (M. C. R.), N. R.
Lt. Robert K. Honadle (S. C.).
Lt. (jg) Robert W. Depew (S. C.).
Lt. Charles H. Iley (Ch. C.).
Commander Mallie A. Griffin (D. C.).
Lt. Charles A. Bill (D. C.).
Ship's Clerk John R. Lankford.
1st Lt. Edward D. Gelzer, Jr., U. S. M. C.
2d Lt. William M. Van Zuyen, U. S. M. C.

U. S. NAVAL BARRACKS

Lt. Walter A. Parsons.
Lt. Matt T. Kershall.
Lt. (jg) John W. Bossert, Jr.
Chief Boatswain Emmitt L. Wilson.
Chief Gunner Coyte A. Wike.
Chief Electrician Charles W. Curran.
Chief Musician Alfonso Schifanelli, *Second Leader of Naval Academy Band.*

MARINE BARRACKS, U. S. NAVAL STATION

Lt. Col. Sidney M. Kelly, U. S. M. C., *Commanding Officer.*
1st Lt Frederic A. Hale, Jr., U. S. M. C., *Executive Officer.*
1st Lt John A. Waters, U. S. M. C.

U. S. NAVAL AIR FACILITY

Lt. Comdr. James G. Daniels, III.
Lt. Comdr. Robert L. White.
Lt. Comdr. Harry E. Butterfield, Jr.
Lt. Comdr. Patrick Doyle.
Lt. Comdr. Thomas J. Gillispie.
Lt. Harrison R. Fehr, III.
Lt. Charles B. Allen.
Lt. Edwin D. Brock.
Lt. Francis H. Markey.
Lt. Edwin L. Ryan.
Lt. Richard S. Downey.
Lt. Clayton L. Krejci.
Lt. Arthur Neill.
Lt. (jg) Donald H. Nitz.
Lt. (jg) Donald M. Green.
Lt. (jg) John C. McCabe.
Lt. (jg) Gordon D. Bradberry.

U. S. NAVAL AIR ACTIVITIES

Capt. MacPherson B. Williams, *Commanding Officer; additional duty as Commanding Officer, U. S. Naval Air Facility.*
Commander Donald F. White, *Executive Officer; additional duty as Executive Officer, U. S. Naval Air Facility.*
Lt. Comdr. Ray C. Tylutki.
Lt. Comdr. Jerome J. Rossillon.
Lt. Comdr. Robert S. Hardwick.
Lt. Comdr. Charles H. Sordyl.
Lt. Comdr. Harrell H. Scales.
Lt. Franklin L. Sivills.
Lt. Rolland T. Johnson.
Lt. Johnnie W. Chalkley.
Lt. Noble L. Taber.
Lt. David Hendry.
Lt. Donald E. Walport.
Lt. William F. Harris.
Lt. (jg) Thomas F. McGill.
Lt. (jg) Raymond F. Curry.
Lt. (jg) Warren A. Wright.
Lt. (jg) James A. Mercadante (S. C.).
Lt. (jg) Granville W. Gallagher, Jr. (S. C.), *Ship's Service Officer.*
Chief Machinist Jesse G. Speer.
Chief Machinist Herschel B. Daniels.
Chief Carpenter Henry P. Andres.
Chief Carpenter Arthur F. Tyler.
Chief Ship's Clerk Ralph E. Marcoot.

[2] Additional duty as Flight Surgeon, U. S. Naval Air Facility, and additional duty as Flight Surgeon, Medical Department, U. S. Naval Academy.

U. S. NAVAL SMALL CRAFT FACILITY

Lt. Comdr. Gene T. Shirley, *Commanding Officer.*
Lt. Comdr. Robert Fisher, *Executive Officer.*
Lt. Jake Urech.
Lt. Courtenay M. Stone.
Chief Boatswain John T. Carroll.
Electrician Cecil A. Adcock.
Chief Machinist George J. Carlin.
Chief Carpenter John Skranski.

U. S. NAVAL HOSPITAL

Capt. Benjamin H. Adams (M. C.), *Medical Officer in Command.*
Capt. Arra B. Chesser (M. C.), *Executive Officer.*
Capt. Jesse W. Miller (M. C.).
Capt. Gerard B. Creagh (M. C.).
Commander Eugene P. Harris (M. C.).
Commander George N. Schiff (M. C.).
Commander George M. Davis, Jr. (M. C.).
Commander Dana D. Goldthwaite (M. C.).
Commander Ernest R. Moeller (M. C.).
Lt. Ralph K. Brooks (M. C.).
Lt. (jg) Ollie H. Thompson, Jr. (M. C. R.), N. R.
Lt. (jg) Harry K. Wieman (M. C.).
Lt. (jg) Jaime M. Benavides (M. C. R.), N. R.
Lt. (jg) William G. Hamm (M. C. R.), N. R.
Lt. (jg) Oliver M. Storsteen (M. C. R.), N. R.
Lt. (jg) Ferial R. Morrissette (M. S. C.).
Lt. (jg) Glenn F. Williams (M. S. C.).
Lt. (jg) Raymond F. Price (M. S. C.).
Lt. (jg) Roy F. Creech (M. S. C.).
Chief Warrant Officer Forrest C. Barbee (H. C.).
Lt. Marjorie E. Von Stein (N. C.).
Lt. Bertha M. Kirk (N. C.).
Lt. Martha M. Lepine (N. C.).
Lt. Hazel S. Parnell (N. C.).
Lt. Winifred J. McKee (N. C.).
Lt. Maxine E. Kirkpatrick (N. C.).
Lt. Helen C. Kusenberg (N. C.).
Lt. Elizabeth Warner (N. C.).
Lt. Ann M. Gill (N. C.).
Lt. (jg) Mary O'Neill (N. C.).
Lt. (jg) Priscilla M. Annable (N. C.).
Lt. (jg) Dorothy L. Briscoe (N. C.).
Lt. (jg) Nancy M. Black (N. C. R.), N. R.
Ensign Virginia P. Jordan (N. C.).
Ensign Alice Pushinsky (N. C.).
Ensign Mary R. Ruane (N. C.).
Ensign Barbara Ellis (N. C.).

MIDSHIPMAN OFFICERS AND PETTY OFFICERS

1948–1949

FINAL DETAIL

Effective March 14 to June 3, 1949

BRIGADE COMMANDER AND STAFF

Midshipman Capt. Barrow, J. C. (a) (22) ..... Brigade commander.
Midshipman Commander Stanfill, D. C. (a) (36) ..... Deputy commander.
Midshipman Lt. Comdr. Noel, L. M. (a) (30) ..... Operations officer.
Midshipman Lt. Schiweck, K. W. (a) (6) ..... Adjutant.
Midshipman Lt. Atkins, A. J. M. (b) (8) ..... Supply officer.
Midshipman Lt. Carr, A. R. (c) (29) ..... Communications officer.
Midshipman Chief Petty Officer Sacarob, M. (15) ..... National color bearer.
Midshipman Chief Petty Officer Howe, J. P. (15) ..... Brigade color bearer.

FIRST REGIMENT COMMANDER AND STAFF

Midshipman Commander Williams, R. P. (b) (13) ..... Regimental commander.
Midshipman Lt. Comdr. Venning, E., Jr. (c) (11) ..... Operations officer.
Midshipman Lt. Chambers, J. H. L., Jr. (e) (5) ..... Adjutant.
Midshipman Lt. (jg) Bodager, B. W. (7) ..... Supply officer.
Midshipman Ensign Davis, C. G. (12) ..... Communications officer.
Midshipman Chief Petty Officer Fenno, E. N. (10) ..... National color bearer.
Midshipman Chief Petty Officer Colvin, R. R. (10) ..... Regimental color bearer.

SECOND REGIMENT COMMANDER AND STAFF

Midshipman Commander Allen, M. N. (c) (31) ..... Regimental commander.
Midshipman Lt. Comdr. Jones, H. W. (b) (25) ..... Operations officer.
Midshipman Lt. McCullough, C. D. (d) (30) ..... Adjutant.
Midshipman Lt. (jg) Achee, E. W. (28) ..... Supply officer.
Midshipman Ensign O'Keefe, P. G. (35) ..... Communications officer.
Midshipman Chief Petty Officer Knoizen, A. K. (24) ..... National color bearer.
Midshipman Chief Petty Officer Schlosser, F. P. (24) ..... Regimental color bearer.

BUGLE CORPS STAFF

Midshipman Lt. Nelson, R. H. (vv) (35) ..... Corps commander.
Midshipman Lt. (jg) Gober, J. R. (14) ..... Corps executive officer.
Midshipman Chief Petty Officer Cox, S. S. (28) ..... Corps chief petty officer.
Midshipman Mustering Petty Officer Walters, R. L. (29) ..... Corps mustering petty officer.
Midshipmen second class:
Midshipman Second Petty Officer Morin, G. D. (2).
Midshipman Second Petty Officer Thro, C. J., Jr. (36).

FIRST BATTALION

Midshipman Lt. Comdr. Briggs, E. S. (d) (3)	Battalion commander.
Midshipman Lt. Leyerle, J. F. (g) (4)	Executive officer.
Midshipman Lt. (jg) Dismukes, H. E. (2)	Adjutant.
Midshipman Ensign Bulmer, R. W. (4)	Supply officer.
Midshipman Chief Petty Officer Stewart, A. M. (5)	Chief petty officer.

SECOND BATTALION

Midshipman Lt. Comdr. Lalor, W. G., Jr. (e) (9)	Battalion commander.
Midshipman Lt. Bajus, J. C. (j) (10)	Executive officer.
Midshipman Lt. (jg) Thomson, A. D. (12)	Adjutant.
Midshipman Ensign Emerson, S. (7)	Supply officer.
Midshipman Chief Petty Officer Frost, R. F. (11)	Chief petty officer.

THIRD BATTALION

Midshipman Lt. Comdr. Haley, J. V. (h) (18)	Battalion commander.
Midshipman Lt. Allen, D. S. (f) (13)	Executive officer.
Midshipman Lt. (jg) Norris, W. J. (14)	Adjutant.
Midshipman Ensign Zekan, C. J. (18)	Supply officer.
Midshipman Chief Petty Officer Turner, K. E. (18)	Chief petty officer.

FOURTH BATTALION

Midshipman Lt. Comdr. Clinite, R. C. (f) (23)	Battalion commander.
Midshipman Lt. Brown, J. B. (h) (24)	Executive officer.
Midshipman Lt. (jg) Smith, G. F. (21)	Adjutant.
Midshipman Ensign Riger, R. J. (20)	Supply officer.
Midshipman Chief Petty Officer Donoher, T. J. (21)	Chief petty officer.

FIFTH BATTALION

Midshipman Lt. Comdr. Baumgarten, H. E., Jr. (g) (27).	Battalion commander.
Midshipman Lt. Reid, C. E., Jr. (i) (30)	Executive officer.
Midshipman Lt. (jg) Sprague, E. T. E. (25)	Adjutant.
Midshipman Ensign Cartwright, J. P. (29)	Supply officer.
Midshipman Chief Petty Officer Wentworth, W. (27)	Chief petty officer.

SIXTH BATTALION

Midshipman Lt. Comdr. Lindsey, W. E., Jr. (i) (35)	Battalion commander.
Midshipman Lt. Hoover, L. N. (k) (34)	Executive officer.
Midshipman Lt. (jg) McDonald, I. T., Jr. (36)	Adjutant.
Midshipman Ensign Lechleiter, M. B., Jr. (36)	Supply officer.
Midshipman Chief Petty Officer Valencia, W. (31)	Chief petty officer.

Rank	First Company	Second Company	Third Company	Fourth Company	Fifth Company	Sixth Company
Midshipman lieutenant	Loudon, D. J. (ll)	Latham, D. M. (kk)	Forbes, H. P. (mm)	Wisherd, R. B. (t)	Stutt, W. C. (o)	Bott, K. A. (l).
Midshipman lieutenant (jg)	Ferrero, J. V., Jr	Kint, J. R	Troescher, F., Jr	Stegemerten, L. R	Waller, E. C., III	Green, J. W.
Midshipman chief petty officer	Brown, C. T., Jr	Koach, J. H	Edson, J. R	Parnell, H. O	Craig, D. E	Swecker, C. E.
Midshipman lieutenant (jg)	Cummings, G. W	Brooks, G. S	Schneider, M. F., Jr	Leslie, G. E	Watkins, J. D	Ripley, R. K.
Do	Adkins, E. C	Nemzek, T. A	Bassett, W. D., Jr	Gartland, J. P	Friend, J. C	Killeen, C. J.
Do	Baker, R. F	Perkins, J. H., Jr	Norman, G. L., Jr	McQuiston, E. L., Jr	Murphy, R. F., Jr	Lechner, T. F.
Midshipman ensign	Trueblood, D. R	Woods, H. D	McFarlane, W. D., Jr	Roiss, R. R	Hotchkiss, C. A., II	Juncker, J. D.
Do	Smith, Carl R., Jr	Boh, R. M., Jr	Barrow, J. F	Vice, J. H	Minter, R. O., Jr	Gairing, D. A.
Do	Aljoe, R. B	Fellewes, R. E	Whiting, C. S	Danis, J. F	Metcalf, J. T., Jr	Seelye, T. T., Jr.
Midshipman mustering petty officer.	Sandknhler, W., Jr	McGinnis, T. P	Spencer, R. M	Roenigk, L. L	Cooper, S. G	Meyer, H. B.
Do	Butler, H. F., Jr	Carpenter, J. W	Short, E. R	Owens, A. J	Hoganson, J. H	Kraus, W. J.
Do	Furrh, J. L., Jr	Berby, R. H	Longino, H. E., Jr	Pillsbury, E. H	Needham, R. C	Vogele, W. A.
Midshipman first petty officer	Krueger, O. E	Armstrong, W. A	Ditto, C. L	McCabe, G. M	Dillman, L. W	Bobrick, I.
Do	Thomas, W. J	Blake, T. F., Jr	Morgan, H. M	Whiteside, R. E	Wilson, C. B	Douglass, R. M.
Do	Kendrick, D. S	Gilliland, R. J	Middleton, J. D	Wilson, John C	Shepard, B. M	Hanson, J. W.
Midshipman second petty officer	Potter, W. W	Larish, D. C	Potts, B. L	Leisure, J. R	Morgan, G. E., Jr	Brown, W. A.
Do	Krause, S. R	Ellis, R. M	Mathency, J. W	Capone, L., Jr	Miller, C. C., Jr	Schriefer, W. A.
Do	Woodard, D. J	McCallum, C. P., Jr	Kahn, D. H	Suhr, P. B	Stiles, C. L	Boykin, R., Jr.
Do	Carmack, J. A., Jr	Coldwell, W. M	Florence, P. F	Harlan, D. M	Gewirz, B. S	Gibson, N. L.
Do	Haley, R. W	Logomasini, J. H	Finnigan, R. E	Ellis, Alston R	Miller, G. G., Jr	Hissem, I. A.
Do	Knudson, J. F	Helbig, W. L., Jr	King, A. E., III			Maier, C. W.
Do			Pratt, E. S			
Midshipmen second class:						
Midshipman second petty officer.	Otterman, J. J	Mauzy, E. L	Fahland, F. R	Birkel, W. M	McNabney, J. F	Zetkov, G. A.
Do	Muck, F. R	Albright, D. S., Jr	Schettino, J. N	Ingalls, J. F., III	Parodo, H. D	Soterpulos, P. S.
Do	Niesse, J. E	Grunwald, E. A		Harkness, R. E	Cossaboom, W. M	Coughlin, J. T.
Do				Mason, P. J	East, G. W	

Rank	Seventh Company	Eighth Company	Ninth Company	Tenth Company	Eleventh Company	Twelfth Company
Midshipman lieutenant	Dixon, J. C. (hh)	Walters, T. J. (s)	Annenberg, T. M. (q)	Glendinning, F. S. (ff)	Roman, P. D. (oo)	James, R. C. (w).
Midshipman lieutenant (jg)	Haskell, W. C	Martin, C. E	Machell, R. M	Larson, N. O	Parsons, T. D	Bacon, J. A., Jr.
Midshipman chief petty officer	Hickey, C. F	Dalrymple, J. M		Piazza, T. J	Cornett, F. E	Hogan, B. C.
Midshipman lieutenant (jg)	McElroy, R. L	Edmundson, J. E	Schuman, E. P	Cartmill, R. H	Maninger, H. E	Derby, L. H., Jr.
Do	Gilles, S. A	Horne, R. E., Jr	Watkins, F. T., Jr	Plank, R. B	Sanders, E. D	Stringfellow, R.
Do	Sweitzer, H. F., Jr	Lochner, G. H	Miller, B. J	Brown, F. P., Jr	Sivinski, R. E	Lide, T. E., Jr.
Midshipman ensign	Lister, D	Page, J. R	Hamilton, G. W	McDonald, E. R., Jr	Davis, K. J., Jr	Keays, K.
Do	Jones, C. M. C., Jr	Somerville, W. H	Congdon, R. N	Brandfon, W. W	Kindl, H. J	Gates, D. E.
Do	Kelley, M	Murphy, J. F	Fishburn, J. E	Hodder, J. E., Jr	Yingling, A. R., Jr	Garrison, P. A.
Midshipman mustering petty officer.	Twilla, J. K	Read, W. G., Jr	Neely, G. M., Jr	Gussow, M	Kenyon, J. R., Jr	Butler, J. D.
Do	Dahlman, D. A	Sumner, G. W., Jr	Mays, C. H	Inskeep, J. E., Jr	Hall, W. L	Dennis, E. L., Jr.
Do	Wittschiebe, D. W	Weaver, R. B	Collins, W. D., Jr	Roberts, G. G	Sieck, J. P	Still, D. M.
Midshipman first petty officer	Hesley, F. D., Jr	Smith, J. H. B	McArthur, K. V	Campbell, D. H	Fulton, W. M	Lawler, W. G., Jr.
Do	Bailey, G. M	Salomon, R. J	Landerdale, L. K	Keilmer, J. K	Linder, J. B	Edwards, H. R., Jr.
Do	Lawrence, R. T	Stewart, R. E	Conover, H., Jr	Peterson, W. S	Taylor, J. Z	Shealy, O. C., Jr.
Midshipman second petty officer.	Clements, N. W	Lake, M. K	Sprague, D. H	Ellsworth, P. E., III	Buckingham, W. L	King, W. C.
Do	Williams, E. E	Maxwell, R. W	Clarke, H. D., Jr	Grabowsky, F	Rowe, R. E	Thiele, M. H.
Do	Agnew, R. S	Davis, W. G	Stuart, H. M., Jr	Berg, R. S	Miller, L. V. M	Graham, F. W.
Do	Heusler, T. P., Jr	Clark, W. H., Jr	Larie, P. H	McFeaters, J. S., Jr	Ardinger, R. H	Dolan, J. T.
Do	Messenger, F., III	Mulkey, R. C	Brannon, P. C		Lang, L. D	Devine, L. H.
Do		Olsen, O. E			Hall, W. G	
Midshipmen second class:						
Midshipman second petty officer.	Chipman, E. N	Harrison, L. E. Jr	Arnold, H. D	Forbes, D. K	Holman, R	Frerichs, J. S.
Do	Hunter, R. E., Jr	Trevillyan, J. F	Smith, F. A	Highberg, R. W	Whitley, W. J	Kinnear, J. W., 3d.
Do	Cooper, C. G	Whitesell, R. D	Miller, T. S	Rogers, T. S., Jr	McGarrah, W. E., Jr	Taylor, D. D.
Do	Bauer, R. F		Roth, F. H	Gray, R. M., Jr		Myer, G. W.
Do				McFarland, W. C		
Do						
Do						

Rank	Thirteenth Company	Fourteenth Company	Fifteenth Company	Sixteenth Company	Seventeenth Company	Eighteenth Company
Midshipman lieutenant	Tift, T. W., Jr. (n)	Jenks, A. L., Jr. (m)	Palazzolo, A. L. (rr)	Wall, O. A. (cc)	Egan, H. W. (p)	Beckwith, R. (nn).
Midshipman lieutenant (jg)	Ince, E. S., Jr	Baltar, J. E	McCoy, J. C	Phares, M. E	Howe, C. M	Smith, F. W.
Midshipman chief petty officer	Kremidas, W. S	Sain, F. C	Egerton, M. W., Jr	Dyer, G. W	Wilson, R. F	Benoit, J. E.
Midshipman lieutenant (jg)	English, J. L	Ekelund, J. J	Whittier, R. D	Sullivan, J. H	Kileline, T. J	Risser, J. B.
Do	Jones, G. R	Bryant, H. F., Jr	Ellis, Atlee R	Venable, J. D	Ruggieri, A. R	Morgan, H. W., Jr.
Do	Benson, R. H	Wynne, W. E	Peterson, R. J	Claytor, R. A	Kiemm, V. P	Bacchus, W. A.
Midshipman ensign	Doby, W. C	Seth, R. H	Meloy, C. F	Read, W. L	Johnson, D. D	Young, R. W.
Do	Way, J. B., Jr	Brown, W. F	Taylor, R. W	Johnsen, T. N., Jr	Kocher, E. M	Cohen, A. G.
Do	Wood, B. T., Jr	Higgins, E. C	Singleton, R. M., Jr	Waller, L. W. T., II	Fine, S. S	Dotson, W. C.
Midshipman mustering petty officer.	Fisher, G. D., Jr	Rutledge, W. N	Ashcroft, D. L	Goewey, W. I	Rabinowitz, J	Conklin, R. W.
Do	Duronio, V. M	McBride, J. R	Kuhne, R. G	Spielmann, F. S	Butler, T. O., Jr	Viadessa, P.
Do	Llewellyn, H. P. F	Callaghan, W. M., Jr	Semeraro, A. P	McDonald, T. E	Schaeffer, V. H., Jr	Levine, A. Y.
Midshipman first petty officer	Clarke, W. E	Heimer, D. P	Magee, J. E	James, R. R	Guild, M. B	Messere, E. J.
Do	Smith, P. E	Moffett, G. L., Jr	White, R. L	Cecil, C. P., Jr	Pantle, D. C	Young, D. C., Jr.
Do	Collins, W. L	Nelson, A. G	McAnulty, R. M., Jr	Lund, J. D	Schenius, C. H., Jr	Kastner, T. M.
Midshipman second petty officer	Foley, W. M	Potteiger, R. S	Majesky, J. E	Speckart, E. O	Miller, R. L	Haynes, G. A. P.
Do	Emery, W. T	Marr, W. F	Stapleton, W. D	Hughes, J. C., Jr	Elichait, H. D	Stewart, G. G.
Do	Oesterreicher, J. A	Henning, H. S., Jr	Wamsley, J. A	Dickson, J. D	Dobbins, S. A	Campanile, J. J.
Do	Manseau, R. G	Ivers, J. F	Hurst, J. S	Downes, B. M	LeGros, P. G	
Do	Rensberger, L. O	Glassman, E. P	Miller, J. R	Shanhouse, W. M	Hemann, J. W	
Do			McCoy, E. J		Serrille, L. M	
Midshipmen second class:						
Midshipman second petty officer.	Oliver, R. W	Stapp, A. L	Henderson, J. M	Skinner, C. A., Jr	Reid, J. E	Denmark, G. T.
Do	Golding, E. I	Ross, T. H	Saunders, J. J	Sproull, H. E., Jr	Mulford, R. L	Reitz, W. G.
Do	Magee, L. W	Nolan, J. E., Jr	Perry, F. M., Jr	Spiller, J. H., Jr	Frasier, H. G	King, T. R.
Do	Spradling, W. R., Jr	Andresen, R. N		Fears, D. G		Miller, W. A.
Do						Burns, K. R.
Do						Dunham, J. R.

Rank	Nineteenth Company	Twentieth Company	Twenty-first Company	Twenty-second Company	Twenty-third Company	Twenty-fourth Company
Midshipman lieutenant	Siri, G. L., Jr. (x)	Train, H. D., II (y)	Bean, R. W. (aa)	Beuus, G. M., Jr. (mm).	Lawler, R. L., Jr. (v)	Sample, W. H. (cc).
Midshipman lieutenant (jg)	Peard, R. W., Jr	Anderson, W. B., Jr	Gillam, M. L., Jr	Wood, G. P., Jr	Knetz, W. J., Jr	Dughi, J. R.
Midshipman chief petty officer	Bennett, W. W	Lynch, W. H	Kretschmer, C. G., III	Smith, R. M	Hennekens, R. C	McVoy, J. L.
Midshipman lieutenant (jg)	Tolbert, R. R	Fullinwider, P. L	Iverson, E. S	Demyttenaere, J. H	Sagerholm, F. N., Jr	Dietrich, E. O.
Do	Nelson, P. S	Grayson, R. R	Larson, T. J	Romley, R. M	Clark, G., Jr	Smith, Charles R., Jr.
Do	Rice, D. R	Foster, J. R	Hunt, R. G., Jr	Blodgett, F. J	Klein, P. F	Hoppe, H., III.
Midshipman ensign	Bennett, C. E	Stalnecker, C. M	Henderson, D	Butler, K. L	Fredericks, W. J	Walker, J. R.
Do	Wilmoth, E. D	Doulon, J. M	Keppler, R. D	Lindy, A. M	Smith, Robert L	Burke, J. F.
Do	Murray, J. D., Jr	Morrison, J. R	Patton, J. E	Barden, R	Brajdich, W. J	Harper, J. F., Jr.
Midshipman mustering petty officer.	Adams, F. M., Jr	Glass, S. S	Parker, S	Harkness, W. N., Jr	Rakes, C. E	Wielki, E. J.
Do	Bloom, T. E	Clement, D	Kapp, G. H	Janer, R	Albers, H. W	Schmidt, D. R.
Do	Hardeman, R. T	Herbine, F. W., Jr	Lansill, J. S., Jr	Coryell, R. S	O'Connell, E. J., Jr	Ebel, R. C.
Midshipman first petty officer	Titus, R. W	Hamilton, W. H., Jr	Aalyson, C. B	Hall, W. C	Wolford, R. S	Tipton, H. F., Jr.
Do	Sandlin, W. C., Jr	Merrill, W. H	Stoddard, C. W., Jr	Mallard, J. B., Jr	Brown, R. M	Goldberg, M. D.
Do	Reddick, J. P., Jr	Peterson, W. C	Tapp, J. G	Wright, W. W	MacDonald, C. D	Ooghe, R. B.
Midshipman second petty officer.	James, R. E	Chevalier, E. A	Dreyer, R. C	Hiebert, R. W	Quillen, C. J., Jr	Sherman, F. E.
Do	Collins, L. L	Parr, W. S., Jr	Altman, N	Culp, J. B., Jr	Vosseler, W. P	Clark, J. R.
Do	Cook, K. F	Harris, W. L., Jr	Mikles, A. H	Kennedy, R. A., Jr	Eaton, W. T	Hibbard, F. R.
Do	Hendrickson, R. C., Jr	Duvall, G. G	Gliekman, R	Guthe, D. B	Krider, R. H	Wilson, R. E., Jr.
Do	Docherty, J. F., Jr	Dickson, H. C., Jr	Bailey, R. T	Breaux, C. B., Jr	Tinkham, J. A	Norton, C. R., Jr.
Do	Nadig, D. A	Gary, W. L		Lankenau, R. W		
Do	Roos, W. T					
Midshipmen second class:						
Midshipman second petty officer.	Rasmussen, J. P., Jr	Franza, D. G	Heerwagen, D. D	Hancock, V. R	Harrell, R. D	Dobony, C.
Do	Davi, J. A	Jakimier, B. G	Hirsch, C. O	Kibbey, J. H., II	Burnett, C. J., Jr	Hughes, R. S.
Do		Preston, S. D., Jr	Greenley, R. R	Olson, S. H	Bossen, D. A	Stange, L. G.
Do			Long, D. C		Bronars, E. J	Conlon, C. M., Jr.

Rank	Twenty-fifth Company	Twenty-sixth Company	Twenty-seventh Company	Twenty-eighth Company	Twenty-ninth Company	Thirtieth Company
Midshipman lieutenant	Bryan, W. L. (gg)	Fallon, M. R. (qq)	Counts, S. T. (tt)	Beeler, J. D. (ii)	Marquardt, W. E., Jr. (r).	Baleh, A. H. (dd).
Midshipman lieutenant (jg)	Greene, J. L	Baur, F. G	Butler, D., Jr	Zimmerman, E. F., Jr	McCreight, M. I	Riegert, T. P.
Midshipman chief petty officer	Gunckel, D. L	Woods, E. E., Jr	Mohrhardt, R. F	Barsness, E. O	Tweel, R. G	Porter, K. A.
Midshipman lieutenant (jg)	Reiher, E. J	Barkley, H. B., Jr	Linton, T. D	Ghormley, R. M	Ousterhout, D. T	Myers, W. A.
Do	Cruise, E. A., Jr	Swanson, C. O	Baysinger, R. H., Jr	Curtin, T. A	Goulburn, F. P., Jr	Pyles, L. S.
Do	Sarris, P. J	Brummitt, G. F	Chessman, S. R	Maguire, E. J., Jr	Carpenter, B. A	Chote, R. G.
Midshipman ensign	Ostlund, J. C	Stone, G. B	Meyrick, C. W	Cluett, D. G	Durham, J. E., Jr	Peters, J. C.
Do	Rogers, T. M	Bernstein, K. J	Youngblade, C. J	McEnearney, J. E	Goodman, R. W	Shapiro, S.
Do	Goodaere, R. F., Jr	Cobb, W. C	Wilson, James C	Eustace, R. J	Jepson, J. A	Clark, R. S.
Midshipman mustering petty officer.	Mergl, R	Carver, E. S	Finlay, W. A., Jr	Skomsky, S. A	Kirkbride, J. O., Jr	Hammer, T. J., Jr.
Do	Rupe, J. W	Francis, R. H	Shirley, H. J	Churchill, L. G., Jr	O'Connell, L. G., Jr	Simeich, A. F.
Do	McArthur, R. W	Josephson, J. V	Paul, M. O	Palmer, C. A., Jr	Seoville, J	Ratliff, W. M.
Midshipman first petty officer	McMurray, W. C	Balko, W. J	Miller, E. A	Garibaldi, J. J	Mello, G. D	Foscato, S. E., Jr.
Do	Burk, G. L	Guthrie, W. S	Walker, J. K	McTammany, J. A	Cecchini, A. L	Bading, H. M.
Do	Roland, F. O., Jr	Brady, R. E	Dickson, Joe A	Kent, W. R., III	Gill, T. M	White, H. C.
Midshipman second petty officer	Gollner, J. H	Wilder, F. J	Frazee, J. M	Johnson, J. M., Jr	Barrow, J. J	Hill, J. D.
Do	Jackson, L. E. V	Kneale, J. E	Benson, J. S. M	Jennison, W	Moore, L. A	Kelly, R. W.
Do	Bonner, M. M	Duke, W. E., Jr	Smith, E. W., Jr	Green, J. H	Ridenour, R. W	Stephenson, P. F.
Do	Brown, E. B	Coontz, R. J	Daniel, D. W	Moore, R. S	Meanix, W. H., Jr	Hawley, D. A.
Do	Ward, F. W	Smith, Chas. M	Goldman, R. E	Campbell, D. O		Synhorst, G. E.
Do		O'Flaherty, W. A				
Do		Bauman, C. J., Jr				
Do		Nicholson, M. W				
Do		Mollison, O. S				
Midshipmen second class:						
Midshipman second petty officer.	Evans, H. T		Spayde, K. C., Jr	Snyder, R. D., Jr	Shartel, A	Bigley, T. J.
Do	Ryan, P. J		Mendel, E	Manei, O. J., Jr	Eyster, R. E	Young, J. M., Jr.
Do	Moore, G. D., Jr		Chambers, J. J	Patterson, G. W	Conley, P. J., Jr	Ely, W. B., Jr.
Do	Robinson, J. A		Hoffman, R. D	Farnsworth, W. B., Jr	Keevers, R. J	Flory, H. R., Jr.
Do					VanKleeck, J. L	

Rank	Thirty-first Company	Thirty-second Company	Thirty-third Company	Thirty-fourth Company	Thirty-fifth Company	Thirty-sixth Company
Midshipman lieutenant	Carr, K. M. (bb)	Weir, W. D. (ss)	Beeler, J. W. (pp)	Page, E. W. (jj)	Hershner, C. H. (u)	Smith, D. A. (z).
Midshipman lieutenant (jg)	Schaufelberger, A. A., Jr.	Donovan, J. A	Faricy, R. L	Draim, J. E	Landers, J. G	Stromberg, H. A., Jr.
Midshipman chief petty officer	Thurber, H. R., Jr	Kirk, G. J., Jr	Lamb, C. W	Koehler, P. J	Brandt, C. R	Blackwell, R. B.
Midshipman lieutenant (jg)	Mayfield, S. G., III	Brown, R. H	Rawsthorne, E. A	Benson, F. W., Jr	Gunning, T. I	Wallace, J. R.
Do	Alvis, J. H	Smith, H. L	Boggs, P. R., Jr	Shine, E. F., Jr	Martin, Wm. L., III	Connors, J. J., Jr.
Do	Vogt, L. F., Jr	Shea, L. A., Jr	Bushman, H. J., Jr	Bosley, D. B	Schoos, P. L	Brown, R. A.
Midshipman ensign	Culwell, C. L	Alderman, E. L	Bassing, B. E	Sheppe, R. W	Hausold, R. P	Bacon, A. F.
Do	Curtis, S. W., Jr	Dobson, J. F	Donahue, H. J	Kennedy, R. W	Townsend, J. E	Cooper, A. B.
Do	Rigsbee, J. T	Norman, C. C	Swanson, P. S	Webber, J. H	Harding, N. D., Jr	Bush, B. A., Jr.
Midshipman mustering petty officer.	Bentin, M. O	Coburn, A. B	Jensen, J. E	Budge, W. J	DiBenedetto, C	Greif, S. J.
Do	Branch, L. E	Sawtelle, W. J	Adams, R. D	Ringwood, T. E	D'Ambra, R. F	Shacklett, H. E.
Do	Knoble, W. S	West, R. H	Scott, J. H	Roberts, C. W	Greenwood, R. G	Huenerberg, J. C., Jr.
Midshipman first petty officer	Bourne, W. D	Wynn, J. H., III	Jenks, S. M	Vail, C. R	Russ, W. H., III	Broughton, W. R., Jr.
Do	Schuchart, G. S	Gauss, M. J., Jr	Colvin, O. D	Mahoney, T. R	Frost, R. A	Kling, G. M.
Do	Thom, P. H., Jr	Otth, E. J., Jr	Bartholomew, B. S., Jr.	Saraceni, P. J	Hary, C. P., Jr	Horan, F. G.
Midshipman second petty officer.	Smith, Robt. F., Jr	McQuilling, J. A	Whittlesey, B. D	Snodgrass, C. S., Jr	Kanevsky, J. N	Parker, H. B., Jr.
Do	Boughton, A. C., III	Fenlon, L. K., Jr	Kinney, C. M., Jr	Foster, J. B	Volz, R. L	Glass, B., Jr.
Do	Black, W. A	DuWaldt, B. J	Haberthier, J. H	Smith, W. D	Dorenkamp, K. F	Haeske, D. C.
Do	White, C. R	Ramsey, L. M	Riley, P. T	Schniebolk, B	Haughey, J. R	Moreney, A. J.
Do	Hofford, J. L	Zettel, M. A	Gardner, C	Fishman, H. P	Berngard, M	
Do		Dearing, J. P	Hoff, W. E	Murphy, B. P		
Do		Florence, G. D	Stubstad, J. A			
Midshipmen second class:						
Midshipman second petty officer.	Smith, L. W	Duncan, A. G., Jr	Smith, R. E	Rockey, W. K	Bixby, K. E., Jr	Miller, D. C.
Do	Boney, P., III	Bardes, C. R	Moll, K. D	White, A. C	Jenike, T. E	Kilbourn, G. R., Jr.
Do	Schultz, M. J			Mayo, D. K	Knox, E. P	Smith, R. G.
Do	Frosio, R. C				Akin, J. C	Schneider, R. P.
Do						Pravitz, W. H.

STATISTICAL DATA OF THE GRADUATING CLASS OF 1949

GRADUATED JUNE 3, 1949

Membership on entrance:			
New admissions		1, 111	
Ex-midshipmen readmitted with this class		5	
Turned back from the class of 1948:			
Deficient in studies	24		
Illness	2		
		26	
Subsequently turned back into this class:			
Deficient in studies		3	
			1, 145
Ex-midshipmen readmitted with this class and advanced to the class of 1948–B			3
			1, 142
Separations prior to June 3, 1949:			
Died		2	
Dismissed		3	
Discharged		3	
Honorably discharged:			
Deficient in studies		71	
Physically disqualified		32	
Resignations:			
Voluntary		200	
Voluntary, also deficient in studies		8	
Conduct		2	
Turned back into next lower class:			
Deficient in studies		27	
Illness		3	
			351
Membership of class at end of course on June 3, 1949			791
Did not complete course owing to illness			1
Number graduated, awarded diplomas, and the degree of bachelor of science			790
The following did not receive commissions:			
Found physically disqualified for commission, and honorably discharged upon graduation		8	
Voluntary resignation accepted upon graduation		1	
Peruvian		1	
Number commissioned:			
Ensign, line		581	
Ensign, Supply Corps		71	
Ensign, Civil Engineer Corps		18	
Second lieutenant, U. S. Marine Corps		55	
Second lieutenant, U. S. Air Force		55	
			790

Attrition from all causes during course

Class:	*Percent*	Class—Continued	*Percent*
1941	33. 7	1948–A [1] (attrition from date of advancement to second class until end of course)	4. 8
1942	27. 9	1948–B [1] (attrition from date of advancement to third class until end of course)	17. 7
1943	24. 2	1949	31. 0
1944	22. 0		
1945	18. 2		
1946	18. 7		
1947	19. 4		

[1] The percentage of losses from the Class of 1948 during fourth class year was 7.9.

MERIT ROLL FOR COMPLETED COURSE AND REPORTS OF RELATIVE STANDING FOR ACADEMIC YEAR 1948–49

Explanation of symbols used on the following pages:

* Received 85 percent of multiple.
L Appointed ensign in the line of the U. S. Navy.
CEC Appointed ensign, civil engineer corps, U. S. Navy.
MC Appointed second lieutenant in the U. S. Marine Corps.
SC Appointed ensign, supply corps, U. S. Navy.
USAF Appointed second lieutenant in the U. S. Air Force.
a Citizen of Peru. Graduated but not commissioned in the U. S. Navy.
b Ex-midshipman. Originally a member of an earlier class.
dd Died.
tb Turnback.
Inc. Indicates work incomplete.
† Readmitted with class of 1953.
1. Voluntarily resigned.
2. Physically disqualified and honorably discharged.
3. Voluntary resignation accepted. Deficient in studies.
4. Deficient in studies and discharged under honorable conditions.
5. Deficient in studies. Turned back into this class.
6. Deficient in studies and discharged.
7. Readmitted with the class of 1952 and advanced to the class of 1950.
8. Readmitted with the class of 1952 and advanced to the class of 1951.
9. Deficient in studies. Reexamined and again deficient. Discharged under honorable conditions.
10. Deficient in studies. Reexamined and again deficient. Turned back into this class.
11. Resignation accepted "for the good of the Service."
12. Graduated 3 June 1949. Found physically disqualified for a commission and honorably discharged.
13. Graduated 3 June 1949. Voluntary resignation accepted.
14. Deficient in studies. Turned back into next lower class.
15. Turned back into next lower class because of prolonged absence from studies resulting from hospitalization.
16. Deficient in studies. Reexamined and again deficient. Turned back into next lower class.
17. Readmitted with the class of 1951 and advanced to the class of 1950.
18. Readmitted with the class of 1953 and advanced to the class of 1952.
19. Did not graduate. Patient at U. S. Naval Hospital, St. Albans, N.Y.

848909—50——3

Explanation of abbreviations used for names of departments on reports or relative standing:

S. & N	Seamanship and navigation.
O. & G	Ordnance and gunnery.
M. E	Marine engineering.
Avia	Aviation.
Math	Mathematics.
E. E	Electrical engineering.
E. H. & G	English, history and government.
Langs	Foreign languages.
Hy	Hygiene.
Aptitude	Aptitude for service.
Phys. Trng	Physical training.

NOTE.—The diplomas of midshipmen whose final multiples for the completed course are not less than 85 percent of the maximum, read "Passed with distinction"; those whose final multiples are less than 85 percent, but not less than 75 percent of the maximum, read "Passed with credit"; and those whose final multiples are less than 75 percent of the maximum, read "Passed."

MERIT ROLL—GRADUATING CLASS, JUNE 1949

Merit roll for the completed course of the midshipmen of the graduating class (class of 1949), 791 members, of whom 790 graduated

Symbol (see p. 29)	Order of merit	Name	First year	Second year	Third year	Fourth year	Aggregate multiple for completed course—1140
		Maxima	120	240	360	420	
L	*1	**Noel, Lionel MacLean**	110.33	222.67	334.63	387.84	1,055.47
L	*2	**Bryan, William Littell**	110.35	221.10	329.17	387.77	1,048.39
L	*3	**Walters, Thomas Joseph**	107.27	221.25	332.41	386.60	1,047.53
L	*4	**Leyerle, John Frank**	108.27	221.06	328.63	379.59	1,037.55
USAF	*5	**Iverson, Emmett Sylvester**	103.79	215.39	326.95	382.67	1,028.80
L	*6	**Haley, James Vernon**	106.52	216.17	326.07	379.99	1,028.75
L	*7	**Stanfill, Dennis Carothers**	106.05	212.52	325.91	383.78	1,028.26
L	*8	**Larson, Norman Oscar**	106.41	218.32	324.90	377.78	1,027.41
L	*9	**Knetz, Wallace Joseph, Jr**	110.39	218.79	328.72	369.10	1,027.00
L	*10	**Schuman, Elliott Paul**	109.28	218.26	322.19	372.57	1,022.30
L	*11	**Lalor, William George, Jr**	107.26	212.37	320.18	381.86	1,021.67
USAF	*12	**Janer, Richard**	107.91	214.34	326.64	372.57	1,021.46
L	*13	**Reid, Charles Eckford, Jr**	108.59	220.11	316.98	373.53	1,019.21
L	*14	**Harding, Norton Drew, Jr**	106.33	212.12	319.84	376.41	1,014.70
MC	*15	**Gunning, Thomas Ignatius**	104.08	213.16	321.70	375.35	1,014.29
L	*16	**Cummings, George William**	106.90	213.73	318.92	373.96	1,013.51
L	*17	**Barrow, John Curtis**	105.43	208.88	317.36	381.31	1,012.98
CEC	*18	**Hamilton, Gordon Wayne**	109.20	218.21	317.86	367.39	1,012.66
L	*19	**Barkley, Henry Brock, Jr**	107.90	214.55	317.10	373.08	1,012.63
L	*20	**Smith, Donald Asa**	103.08	210.28	319.79	379.05	1,012.20
L	*21	**Martin, William Leicester, III**	102.35	208.80	322.55	376.48	1,010.18
L	*22	**Craig, Donald Earl**	108.76	217.76	315.67	367.72	1,009.91
L	*23	**Otth, Edward John, Jr**	106.93	212.97	319.65	369.01	1,008.56
L	*24	**Gates, David Ewing**	105.91	215.91	319.50	366.41	1,007.73
L	*25	**Morgan, George Emir, Jr**	107.30	212.75	323.07	362.86	1,005.98
L	*26	**Moore, Robert Sheppard**	105.75	217.70	319.69	362.84	1,005.98
L	*27	**Alvis, John Hubbard**	103.71	210.22	318.45	373.13	1,005.51
L	*28	**Cobb, Warrington Crane**	107.43	211.33	314.08	372.61	1,005.45
L	*29	**Risser, James Bruce**	109.18	213.71	314.26	368.24	1,005.39
L	*30	**Webber, James Hamilton**	105.28	211.58	316.46	371.47	1,004.79
L	*31	**Bean, Raymond Wesley**	102.39	209.30	315.88	376.74	1,004.31
L	*32	**McCoy, John Carver**	104.17	205.50	322.85	370.84	1,003.36
L	*33	**Hoover, Lloyd Nims**	106.21	214.98	316.76	364.99	1,002.94
L	*34	**Annenberg, Ted Max**	99.29	205.43	317.36	380.03	1,002.11
L	*35	**Walker, John Robert**	106.73	212.96	317.32	365.07	1,002.08
L	*36	**Wamsley, John Alfred**	107.71	214.51	318.25	361.19	1,001.66
L	*37	**Counts, Stanley Thomas**	102.40	210.25	319.41	369.56	1,001.62
L	*38	**Draim, John Emery**	110.13	208.39	314.85	367.96	1,001.33
L	*39	**Edson, John Roger**	103.96	209.24	317.84	370.06	1,001.10
L	*40	**Martin, Charles Elliott**	102.63	209.12	315.21	373.93	1,000.89
L	*41	**Rigsbee, John Taylor**	106.44	209.11	316.50	368.78	1,000.83
L	*42	**Bulmer, Robert William**	102.27	207.03	315.69	373.71	998.70
L	*43	**Stegemerten, Leland Richard**	105.24	209.41	314.26	369.23	998.14
L	*44	**Vogele, William Albert**	108.05	210.20	312.99	366.81	998.05
L	*45	**Howe, Charles Marvel**	103.97	208.41	317.05	368.35	997.78
L	*46	**Carpenter, James Wilbur**	105.05	205.39	321.43	365.20	997.07
SC	*47	**Miller, Burton Joseph**	105.92	205.91	319.69	365.20	996.72

Merit roll for the completed course of the midshipmen of the graduating class (class of 1949), 791 members, of whom 790 graduated—Continued

Symbol (see p. 29)	Order of merit	Name	First year	Second year	Third year	Fourth year	Aggregate multiple for completed course—1140
		Maxima	120	240	360	420	
USAF	*48	Gillam, Max Lee, Jr	103.18	211.24	318.71	363.09	996.22
L	*49	Stringfellow, Reid	102.46	208.19	319.02	366.36	996.03
L	*50	Schniebolk, Bernard	105.25	215.95	312.93	360.91	995.04
L	*51	Stutt, William Chapman	101.84	207.70	312.87	372.18	994.59
L	*52	Allen, Milton Nicholas	105.85	210.22	311.57	366.92	994.56
L	*53	Rogers, Thomas Monroe	100.81	204.31	315.23	372.56	992.91
L	*54	Lake, Michael Kennedy	105.42	213.34	307.54	366.39	992.69
L	*55	Roman, Paul Douglas	104.04	209.07	316.00	362.59	991.70
CEC	*56	Gilles, Stephen Alexander	103.46	206.95	311.13	368.69	990.23
L	*57	Sagerholm, Frithiof Norris, Jr	100.15	210.62	312.91	366.32	990.00
L	*58	Balch, Allen Horace	102.81	207.41	309.33	369.61	989.16
L	*59	Clark, Glenwood, Jr	101.49	207.00	313.83	365.47	987.79
L	*60	Rice, David Reagan	102.69	203.69	313.58	367.34	987.30
L	*61	Sawtelle, William Jobse	104.61	207.66	312.14	362.39	986.80
L	*62	Kastner, Thomas Mortimer	105.55	207.25	313.43	359.64	985.87
L	*63	Beckwith, Reynolds	100.43	201.81	313.78	369.68	985.70
L	*64	Fellowes, Robert Evans	106.65	203.19	316.22	358.85	984.91
L	*65	Nelson, Robert Henry	101.87	203.63	310.56	368.70	984.76
L	*66	Lechleiter, Mark Bernard, Jr	101.47	205.59	309.19	367.80	984.05
L	*67	Norris, William Joseph	101.79	203.50	309.35	369.00	983.64
MC	*68	Beeler, James Dayton	98.30	202.80	307.83	374.57	983.50
L	*69	Vogt, Leonard Frederick, Jr	104.50	208.70	309.37	360.46	983.03
L	*70	Herbine, Frederick Wayne, Jr	104.26	202.97	310.44	365.00	982.67
L	*71	Sacarob, Merwin	104.69	202.73	312.42	362.38	982.22
L	*72	Boh, Roger Milton, Jr	102.79	206.49	308.98	363.02	981.28
L	*73	Claytor, Richard Anderson	100.57	204.63	313.41	362.20	980.81
SC	*74	Butler, Herbert Fuller, Jr	104.69	203.14	309.50	363.45	980.78
L	*75	Waller, Edward Carson, III	101.92	202.05	313.42	363.15	980.54
L	*76	Grayson, Roy Ray	100.91	202.43	314.78	362.17	980.29
CEC	*77	Marquardt, Walter Ernest, Jr	97.47	206.59	307.61	368.53	980.20
SC	*78	Anderson, William "B," Jr	101.40	204.21	311.43	363.12	980.16
L	*79	Cartmill, Robert Hasbrouck	102.34	204.69	309.07	363.76	979.86
L	*80	Sarris, Peter John	101.02	203.66	315.03	360.01	979.72
L	*81	Dietrich, Edward Orr	102.47	201.30	306.72	368.98	979.47
L	*82	Zimmerman, Edward Francis, Jr	99.57	203.84	311.58	364.02	979.01
L	*83	Machell, Reginald Montague	104.68	201.73	305.45	367.09	978.95
L	*84	Dobson, John Frederick	100.88	205.64	311.08	361.32	978.92
L	*85	Dixon, John Curtis, Jr	101.12	205.14	305.21	366.94	978.41
L	*86	Lawler, Robert Leo, Jr	99.10	200.87	312.69	365.61	978.27
USAF	*87	Friend, John Chollar	104.30	205.17	307.63	361.00	978.10
L	*88	Maninger, Halford Ernest	101.77	208.11	309.99	358.19	978.06
MC	*89	Hardeman, Robert Taylor	101.79	201.71	312.50	361.62	977.62
L	*90	Frost, Richard Alfred	104.44	202.79	305.86	363.78	976.87
L	*91	Henning, Harvey Sydney, Jr	99.78	204.24	313.18	359.28	976.48
L	*92	Carpenter, Bruce Albert	103.01	203.16	309.33	360.76	976.26
L	*93	Edmundson, James Edward	100.31	199.81	307.64	368.08	975.84
CEC	*94	Wynne, William Edward	101.20	205.93	308.76	359.70	975.59
L	*95	Allen, David Sledge	101.16	202.02	310.92	361.41	975.51
L	*96	Train, Harry DePue, II	101.44	203.49	306.20	364.19	975.32
L	*97	Murray, James Daniel, Jr	106.27	204.37	305.07	359.15	974.86
CEC	*98	Jackson, Louis Edwin Virden	102.57	204.56	305.40	362.02	974.55
L	*99	Bacon, John Anderson, Jr	100.77	205.66	305.35	362.27	974.05
L	*100	Greif, Stanley "J"	104.79	208.02	307.67	352.97	973.45
L	*101	Meyrick, Charles Walter	101.45	203.42	307.44	360.64	972.95
L	*102	Chambers, James Henry Leroy, Jr	102.64	201.86	309.83	358.31	972.64
L	*103	Mayfield, Stanwix Greenville, III	104.23	205.65	304.84	357.82	972.54
L	*104	McCreight, Major Israel, III	97.92	204.75	308.07	361.59	972.33
L	*105	Ousterhout, Dean Turner	102.68	199.86	307.22	362.49	972.25

Merit roll for the completed course of the midshipmen of the graduating class (class of 1949), 791 members, of whom 790 graduated—Continued

Symbol (see p. 29)	Order of merit	Name	First year	Second year	Third year	Fourth year	Aggregate multiple for completed course—1140
		Maxima	120	240	360	420	
L	*106	**Hoganson, John Henry**	101.38	203.52	311.89	355.16	971.95
USAF	*107	**Baumgarten, Harry Edward, Jr.**	101.36	204.69	303.15	362.65	971.85
L	*108	**Gussow, Milton**	104.18	209.78	304.06	353.71	971.73
L	*109	**Carr, Kenneth Monroe**	102.32	208.14	303.98	357.24	971.68
L	*110	**Eustace, Robert Joseph**	100.27	204.09	305.89	361.40	971.65
L	*111	**Bajus, John Clair**	101.71	204.64	303.92	361.38	971.65
L	*112	**Forbes, Henry Payne**	101.47	202.24	306.14	361.28	971.13
USAF	*113	**Bodager Bill Warren**	98.74	200.52	305.88	365.85	970.99
L	*114	**Walker, Joseph Keith**	100.89	201.68	309.90	358.50	970.97
L	*115	**Norman, Calvin Carl**	105.26	205.57	309.16	350.93	970.92
L	*116	**Glendinning, Frank Shiland**	104.63	208.92	303.64	353.47	970.66
L	*117	**Alderman, Edward Lane**	93.17	193.66	313.42	369.89	970.14
SC	*118	**Rabinowitz, Joel**	102.85	200.31	307.68	358.93	969.77
L	*119	**Seelye, Thomas Taylor, Jr.**	103.22	205.35	308.21	352.83	969.61
L	*120	**Chessman, Samuel Richard**	101.12	206.36	308.85	353.27	969.60
L	121	Landers, John Gregory	100.58	197.33	308.14	362.34	968.39
SC	122	Juncker, James Russell	98.36	200.75	310.23	358.70	968.04
USAF	123	Wall, Orlando Albert	103.55	203.54	302.84	358.06	967.99
L	124	Glass, Stephen Samuel	102.82	203.64	305.97	355.51	967.94
L	125	Page, James Richard	102.98	201.07	305.20	358.39	967.62
L	126	Lauderdale, Lloyd King	101.86	204.37	306.64	354.57	967.44
L	127	Watkins, James David	101.88	201.38	305.25	358.56	967.07
L	128	Foster, John Beekman	102.56	205.76	300.89	357.61	966.82
L	129	Swecker, Claude Eugene, Jr.	100.64	204.66	310.64	350.71	966.65
L	130	Kileline, Thomas John	101.34	204.87	304.80	355.19	966.20
L	131	Guthe, Douglas Burden	101.90	203.04	306.23	354.82	965.99
L	132	Smith, Gerald Francis	100.45	198.35	305.90	361.09	965.79
L	133	Egan, Henry William	102.22	202.32	303.30	357.76	965.60
L	134	Kennedy, Robert Warren	104.57	201.59	305.67	353.75	965.58
L	135	Palazzolo, Anthony Louis	106.93	203.16	305.13	350.24	965.46
L	136	Schlosser, Frank Palmer	106.49	205.05	305.46	348.24	965.24
SC	137	Durham, James Elijah, Jr.	99.13	202.04	301.60	362.22	964.99
L	138	Peterson, Richard John	99.14	200.47	308.98	356.15	964.74
L	139	Meanix, William Henry, Jr.	105.35	209.14	302.99	346.99	964.47
L	140	Doby, William Clifford	104.83	202.19	302.79	354.57	964.38
L	141	Schaufelberger, Albert Arthur, Jr.	104.23	206.97	299.69	353.15	964.04
L	142	Adkins, Edward Cleland	95.85	201.26	303.29	363.44	963.84
L	143	Hammer, Theodore James, Jr.	105.55	203.88	304.49	349.83	963.75
L	144	Porter, Kenneth Albert	102.68	204.07	301.91	354.23	962.89
MC	145	Needham, Robert Clay	99.74	203.90	303.11	355.86	962.61
L	146	Larson, Theodore James	100.42	201.47	300.54	360.07	962.50
L	147	Green, John William	99.96	198.63	307.97	355.79	962.35
L	148	Guthrie, William Sherrod	100.86	205.19	300.80	355.13	961.98
L	149	Swanson, Charles Oscar	97.80	198.49	307.45	357.99	961.73
CEC	150	D'Ambra, Rudolph Francis	102.29	201.37	304.87	352.87	961.40
L	151	Synhorst, Gerald Emmet	100.04	204.59	305.79	350.86	961.28
L	152	McCullough, Carlos d'Arcy	98.88	200.53	308.60	352.67	960.68
L	153	Butler, James Douglas	105.23	201.60	302.09	350.20	959.12
L	154	Colvin, Richard Ray	96.49	203.35	305.67	353.40	958.91
L	155	Sample, Wilbur Harry	99.94	198.81	301.10	358.92	958.77
L	156	McCabe, Gerry Medlar	103.40	204.60	302.32	348.44	958.76
L	157	Clinite, Richard Cedric	103.25	201.48	303.01	351.00	958.74
L	158	Miller, Edmund Anderson	99.01	198.51	304.76	356.18	958.46
L	159	Wilson, Ralph Ensign, Jr.	100.45	199.22	305.02	352.76	957.45
SC	160	Hall, William George	103.65	204.23	300.05	349.32	957.25
L	161	Romley, Richard Mansfield	98.19	201.45	304.54	352.61	956.79
L	162	Venning, Elias, Jr.	103.30	204.25	296.04	353.18	956.77
L	163	Volz, Robert Leslie	99.51	204.21	302.54	350.22	956.48

Merit roll for the completed course of the midshipmen of the graduating class (class of 1949), 791 members, of whom 790 graduated—Continued

Symbol (see p. 29)	Order of merit	Name	First year	Second year	Third year	Fourth year	Aggregat multiple for completed course—1140
		Maxima	120	240	360	420	
L	164	Sivinski, Robert Eugene	99.41	201.41	306.30	349.35	956.47
L	165	Troescher, Fred, Jr	100.92	198.34	299.98	357.20	956.44
SC	166	Glassman, Ephraim Paul	102.17	201.03	305.05	346.63	954.88
MC	167	Hershner, Carlton Harry	98.58	199.28	304.17	352.54	954.57
L	168	Siri, George Lawrence, Jr	98.76	195.01	297.43	363.35	954.55
SC	169	Vice, John Hancock	96.96	197.42	301.57	357.76	953.71
L	170	Churchill, Louis Gillespie, Jr	101.57	205.37	297.65	349.10	953.69
L	171	Dughi, James Richard	101.43	198.97	301.17	350.69	952.26
L	172	Bassing, Bernard Edward	100.15	193.98	299.12	358.87	952.12
MC	173	Stewart, Allan MacLeod	99.35	197.24	299.40	355.99	951.98
SC	174	Reiss, Robert Raymond	101.72	203.62	297.60	349.00	951.94
L	175	Jenks, Shepherd Martin	99.47	201.28	299.04	351.92	951.71
L	176	Smith, Frederic Walton	103.60	201.82	298.57	347.48	951.47
L	177	Goldberg, Milton Donald	95.01	203.16	295.21	357.76	951.14
L	178	Dennis, Edwin Lamar, Jr	98.50	200.50	299.44	352.67	951.11
L	179	Blodgett, Frederick Jeffrey	105.58	197.10	298.26	350.06	951.00
L	180	Donlon, John Michael	99.04	202.24	301.89	347.83	951.00
USAF	181	Spencer, Robert Mahonri	97.40	198.67	299.86	355.06	950.99
L	182	Morgan, Harry Wayne, Jr	97.70	199.39	300.28	353.36	950.73
L	183	Klemm, Vernon Paul	99.36	196.15	305.09	349.97	950.57
L	184	Rawsthorne, Edgar Arthur	102.77	193.10	301.35	353.32	950.54
L	185	McGinnis, Thomas Patrick	96.91	198.65	300.83	353.63	950.02
L	186	Wood, George Pierce, Jr	98.33	198.21	300.20	353.12	949.86
L	187	Pyles, Lee Stuart	101.15	202.46	292.65	353.24	949.50
L	188	Jones, Gerald Robert	94.17	196.47	304.05	354.65	949.34
SC	189	Tift, Thomas Willingham, Jr	101.36	197.89	298.13	351.55	948.93
USAF	190	Latham, David Morgan	102.34	197.59	298.95	349.87	948.75
L	191	Hotchkiss, Charles Albert, II	96.58	195.95	299.80	356.41	948.74
L	192	Curtis, Stanley Walter, Jr	101.78	197.12	301.93	347.87	948.70
L	193	Norman, George Lloyd, Jr	94.50	195.45	305.45	352.52	947.92
L	194	Young, Randall Wayne	97.53	193.38	294.79	362.02	947.72
USAF	195	Branch, Louis Edward	98.57	198.43	299.92	350.73	947.65
L	196	Dotson, William Cole	102.53	201.01	294.50	349.59	947.63
L	197	Rakes, Calvin Eugene	98.24	198.41	302.48	348.07	947.20
USAF	198	Bonner, M. Michael [1]	99.08	199.19	298.74	349.88	946.89
L	199	Cooper, Alan Bogert	98.32	196.64	297.85	353.32	946.13
L	200	Brown, Robert Alan	100.70	201.98	292.60	350.79	946.07
L	201	Gartland, John Patrick	94.46	198.67	300.98	351.88	945.99
12	202	Singleton, Rodric Montgomery, Jr	100.09	207.43	307.48	330.48	945.48
L	203	Buckingham, Winfred Leon	101.68	202.10	298.20	343.10	945.08
L	204	Sprague, Edgerton Ten Eyck	103.10	200.51	300.93	340.09	844.63
L	205	Wilder, Fred Jennings	99.18	198.27	293.96	352.92	944.33
L	206	Smith, Homer Leroy	96.08	192.76	300.97	354.45	944.26
L	207	Hanson, James William	100.88	200.45	297.50	345.31	944.14
L	208	Brandt, Carl Richard	98.56	199.18	298.03	348.34	944.11
USAF	209	Weaver, Robert Bullard	97.40	198.06	293.25	354.99	943.70
L	210	Krueger, Otto Earll	99.12	194.12	299.93	350.52	943.69
L	211	Balko, William John	100.42	200.60	294.93	347.61	943.56
L	212	Hughes, James Charles, Jr	93.88	192.07	306.33	350.92	943.20
MC	213	Schneider, Merlin Frederick, Jr	96.57	192.57	300.99	352.94	943.07
L	214	Moffett, George Lear, Jr	95.20	195.77	300.68	351.04	942.69
L	215	Youngblade, Charles John	102.26	196.81	294.72	348.67	942.46
L	216	Kremidas, William Samuel	99.55	197.24	298.78	346.84	942.41
L	217	Foster, James Roger	103.07	201.00	292.57	345.14	941.78
MC	218	Peard, Roger Wood, Jr	101.17	198.88	296.78	344.91	941.74
L	219	Gairing, Donald Albert	101.02	203.30	298.94	338.40	941.66

[1] Name changed from Matthew Michael Bonner.

Merit roll for the completed course of the midshipmen of the graduating class (class of 1949), 791 members, of whom 790 graduated—Continued

Symbol (see p. 29)	Order of merit	Name	First year	Second year	Third year	Fourth year	Aggregate multiple for completed course—1140
		Maxima	120	240	360	420	
L	220	Ellsworth, Presley Elmer, III	98.59	195.37	303.58	343.98	941.52
L	221	James, Robert Crawford	98.45	190.13	297.57	354.92	941.07
L	222	Taylor, Richard William	101.20	200.92	298.36	340.54	941.02
L	223	Hill, Jackson Dudley	100.83	199.23	298.41	342.30	940.77
L	224	Carver, Edward Samuel	98.60	198.56	297.85	344.71	939.72
L	225	Jenks, Albert Leroy, Jr	97.06	196.12	296.69	349.41	939.28
USAF	226	McDonald, Irving Thomas, Jr	100.87	200.73	295.86	341.44	938.90
SC	227	Ditto, Chester Lee	100.84	196.19	303.32	338.45	938.80
L	228	DuWaldt, Behrend Joseph	98.58	191.28	300.42	348.41	938.69
L	229	Clark, Robert Smith	94.49	191.90	300.06	352.09	938.54
USAF	230	Wilmoth, Evert Dale	98.02	193.11	297.62	349.51	938.26
L	231	Donovan, James Anthony	97.47	197.35	296.70	346.61	938.13
SC	232	Brooks, Glenn Sturgis	95.50	198.93	293.68	349.94	938.05
L	233	Carr, Andrew Rembert	99.99	197.96	293.20	346.85	938.00
L	234	Fine, Stanley Sidney	96.88	197.49	302.74	340.86	937.97
12	235	Garrison, Paul Adams	96.51	187.10	302.28	352.00	937.89
L	236	Baker, Robert Felix	97.10	196.22	295.65	348.68	937.65
MC	237	Wentworth, William	99.80	196.00	292.87	348.97	937.64
L	238	Green, James Henry	100.43	200.67	296.24	339.91	937.25
L	239	Short, Earl Richard	97.41	198.09	297.34	344.38	937.22
L	240	Davis, Whittier Gale	97.88	189.67	303.53	346.01	937.09
L	241	Phares, Malcolm Eugene	98.20	192.31	296.15	350.22	936.88
MC	242	Johnson, John Merle, Jr	95.99	199.96	297.78	343.09	936.82
SC	243	Parker, Sumner	99.62	197.44	290.67	348.99	936.72
L	244	Bush, Barksdale Alexander, Jr	97.84	196.75	294.74	347.20	936.53
L	245	Loudon, Donald Joseph	97.90	194.23	294.95	349.40	936.48
L	246	Goodman, Robert William	98.47	190.68	296.19	350.45	935.79
L	247	Hary, Charles Philip, Jr	99.39	197.65	292.48	345.79	935.31
L	248	Ince, Eugene St. Clair, Jr	97.35	193.32	299.39	345.15	935.21
SC	249	Coburn, Anthony Brendan	102.94	195.57	292.78	343.91	935.20
SC	250	Roenigk, Ivan Leo	99.35	195.94	290.79	348.73	934.81
USAF	251	White, Cyril Robert	101.99	196.74	297.00	338.88	934.61
L	252	Meyer, Harry Berks	99.15	194.63	294.15	346.60	934.53
SC	253	Haberthier, Jack Healy	99.78	196.66	291.43	346.61	934.48
SC	254	Culwell, Charles Louis	98.98	195.90	292.42	347.08	934.38
L	255	Thomas, Wallace Jerome	97.10	197.69	294.78	344.72	934.29
SC	256	DiBenedetto, Charles	99.98	196.74	294.89	342.64	934.25
L	257	Ghormley, Ralph McDougall	94.22	194.19	293.56	352.21	934.18
CEC	258	Tweel, Roger George	99.10	197.63	288.95	348.31	933.99
L	259	Baur, Fred George	99.40	195.88	293.39	345.16	933.83
L	260	Jones, Herman Willoughby	96.04	190.70	293.22	353.83	933.79
L	261	Metcalf, John Trumbull, Jr	103.16	197.93	292.88	339.80	933.77
SC	262	Donoher, Thomas Joseph	100.88	196.24	297.76	338.24	933.12
L	263	Butler, Dempsey, Jr	96.07	195.38	294.53	346.77	932.75
L	264	Neely, Guy Morton, Jr	101.67	194.37	287.39	349.09	932.52
L	265	Stromberg, Herman Arthur, Jr	100.24	198.55	291.88	341.65	932.32
L	266	Hennekens, Robert Charles	98.99	195.68	294.91	342.53	932.11
MC	267	Francis, Richard Haudiomont	97.77	191.57	288.58	354.08	932.00
USAF	268	Ashcroft, Dale LeRoy	95.15	193.31	294.69	348.83	931.98
L	269	Adams, Richard Dale	100.76	195.70	292.92	342.36	931.74
L	270	Reiher, Eugene Joseph	97.11	193.39	301.17	340.04	931.71
L	271	Greene, John Lycurgus	101.47	194.33	294.89	340.85	931.54
L	272	Keays, Keatinge	97.40	194.72	293.33	345.92	931.37
L	273	Williams, Ralph Pete	93.78	186.79	294.90	355.80	931.27
CEC	274	Trueblood, Donald Richard	100.81	195.86	290.06	344.09	930.82
L	275	Baltar, Jack Eikel	95.76	194.18	293.23	347.33	930.50
USAF	276	Miller, Louis Vincent	97.17	195.29	301.05	336.74	930.25
L	277	Broughton, William Raymond, Jr	95.43	191.41	294.27	349.10	930.21

Merit roll for the completed course of the midshipmen of the graduating class (class of 1949), 791 members, of whom 790 graduated—Continued

Symbol (see p. 29)	Order of merit	Name	First year	Second year	Third year	Fourth year	Aggregate multiple for completed course—1140
		Maxima	120	240	360	420	
MC	278	Brown, Ralph Herman	95.82	193.50	294.41	346.11	929.84
SC	279	Levine, Alan Yale	99.29	196.79	297.40	335.76	929.24
L	280	Burk, Gerald Lee	93.72	195.87	289.74	349.83	929.16
L	281	Somerville, William Horace	95.53	191.61	293.34	348.66	929.14
L	282	Smith, Paul Edwin	98.29	193.21	293.85	343.68	929.03
L	283	Achee, Emile Walton	101.12	194.59	287.29	345.88	928.88
L	284	Nelson, Philip Stuart	96.27	182.76	295.25	354.56	928.84
USAF	285	Whittier, Ralph Dudley	98.80	190.69	295.36	343.94	928.79
L	286	Foscato, Sydney Ellis, Jr	99.70	189.56	290.03	349.27	928.56
L	287	Mergl, Richard Anton [2]	98.34	193.47	290.64	346.09	928.54
L	288	Demyttenaere, Jules Henry	98.86	197.58	289.06	342.63	928.13
L	289	Kendrick, David Stanley	98.84	196.67	285.01	347.37	927.89
CEC	290	Quillen, Claude James, Jr	99.18	201.55	291.89	335.17	927.79
L	291	Ferrero, James Vercelli, Jr	91.99	190.33	290.89	354.15	927.36
L	292	Weir, William Donald	94.12	190.65	298.99	343.59	927.35
L	293	Minter, Robert Octavius, Jr	95.78	191.51	295.32	344.44	927.05
L	294	Cox, Sidney Stuart	95.48	187.25	292.79	351.14	926.66
L	295	McBride, Jeremiah Rusk	94.76	191.49	299.29	341.01	926.55
L	296	Jepson, John Arthur	98.51	190.03	291.67	346.21	926.42
SC	297	Huenerberg, John Christian, Jr	99.86	192.44	294.75	339.22	926.27
L	298	Murphy, James Francis	91.03	190.67	294.55	349.95	926.20
USAF	299	Finnigan, Robert Emmett	99.99	192.48	296.65	337.01	926.13
L	300	Read, William Lawrence	96.55	194.99	287.52	346.19	925.25
L	301	Josephson, John Vernon	97.52	194.60	289.45	343.39	924.96
L	302	Kanevsky, Joseph Norman	95.90	186.83	300.87	341.26	924.86
12	303	Cecchini, Albert Livio	98.45	191.57	292.65	342.16	924.83
SC	304	Way, James Bernard, Jr	101.92	188.43	288.45	345.86	924.66
L	305	Clarke, Wade Edward	100.12	190.24	289.46	344.70	924.52
L	306	Page, Edward Wheatley	94.27	192.27	291.90	345.99	924.43
L	307	Atkins, A. J. Martin	95.56	187.00	289.32	352.46	924.34
SC	308	Murphy, Ralph Frederick, Jr	92.63	189.99	295.93	344.87	923.42
L	309	Shacklett, Harry Ernest	100.72	193.05	292.12	337.31	923.20
CEC	310	Clements, Neal Woodson	94.59	193.52	291.28	343.42	922.81
L	311	Brandfon, William Warren	98.32	192.57	290.45	341.47	922.81
L	312	Sanders, Ernest Duke	95.31	197.23	287.93	341.78	922.25
SC	313	Kapp, George Harold	98.72	195.66	294.47	333.27	922.12
SC	314	Fisher, George Donald, Jr	94.96	185.91	294.19	347.04	922.10
USAF	315	Kenyon, Jerry Russel	99.56	188.94	294.58	339.02	922.10
L	316	Briggs, Edward Samuel	101.45	192.25	287.98	340.40	922.08
L	317	Miller, Conrad Cope, Jr	96.94	197.86	291.69	335.58	922.07
L	318	Keihner, James Kenneth	98.65	196.69	290.45	336.12	921.91
L	319	Conklin, Robert Wilfred	98.88	192.41	285.32	345.22	921.83
L	320	Benson, Richard Hugh	98.04	191.87	293.72	338.17	921.80
USAF	321	Leslie, Gene Edward	93.65	192.30	293.89	341.93	921.77
USAF	322	Shirley, Harold James	95.68	193.95	289.35	342.45	921.43
L	323	Lechner, Thomas Fletcher	98.49	196.23	291.96	334.44	921.12
L	324	Sweitzer, Harry Frederick, Jr	100.82	190.57	291.35	338.20	920.94
MC	325	Schiweck, Kenneth Wolfgang	90.93	192.99	294.62	342.37	920.91
L	326	Thomson, Alexander Dingwall	93.62	190.63	291.24	345.09	920.58
L	327	Lide, Theodore Ellis, Jr	95.18	187.52	286.10	351.53	920.33
L	328	Myers, William Albert, III	96.03	193.27	292.26	338.59	920.15
L	329	Horan, Frederick Geller	98.63	189.07	290.81	341.56	920.07
L	330	Spielmann, Felix Sylvester	93.80	192.91	290.26	342.98	919.95
MC	331	Hall, Wayne Leland	91.80	193.28	295.93	338.92	919.93
L	332	Shapiro, Sumner	94.66	194.94	295.09	335.21	919.90
L	333	Lamb, Chris Wilson	94.94	186.14	286.40	351.97	919.45

[2] Name changed from Richard Mergl.

Merit roll for the completed course of the midshipmen of the graduating class (class of 1949), 791 members, of whom 790 graduated—Continued

Symbol (see p. 29)	Order of merit	Name	First year	Second year	Third year	Fourth year	Aggregate multiple for completed course—1140
		Maxima	120	240	360	420	
MC	334	McElroy, Robert Lewis	95.31	189.59	290.60	343.74	919.24
MC	335	Connors, James Joseph, Jr	98.11	190.96	285.04	344.73	918.84
L	336	McTammany, John Alan	96.20	192.97	285.54	344.05	918.76
MC	337	O'Connell, Lawrence Gregory, Jr	97.75	193.53	294.70	332.78	918.76
L	338	Bryant, Harry Foster, Jr	96.21	190.94	289.79	341.78	918.72
CEC	339	Brown, Warren Flores	100.61	193.93	289.35	334.21	918.10
SC	340	Pantle, Donald Clyde	96.70	191.86	289.82	339.67	918.05
L	341	Butler, Kenneth LeRoy	92.24	187.22	294.92	343.19	917.57
L	342	Egerton, Montraville Walker, Jr	98.34	194.00	292.65	332.38	917.37
L	343	Zekan, Charles John	101.63	195.95	288.71	331.04	917.33
L	344	Still, Donnell Moody	93.50	189.36	288.53	345.72	917.11
L	345	Benoit, John Easley	93.62	190.37	291.23	341.88	917.10
SC	346	Keppler, Robert Duane	97.43	192.32	289.59	337.52	916.86
L	347	Cohen, Albert Gleaves	99.31	193.07	285.36	339.11	916.85
L	348	Wright, William Walker	89.17	190.27	293.19	344.19	916.82
L	349	Davis, Chester George	92.98	189.73	292.06	342.04	916.81
L	350	Semeraro, Angelo Patrick	101.16	191.02	290.67	333.90	916.75
L	351	Mohrhardt, Robair Ferris	97.97	191.21	293.80	333.58	916.56
L	352	Johnsen, Theodore Norman, Jr	102.24	191.69	282.28	340.11	916.32
L	353	Bosley, Donald Britton	95.46	190.53	290.83	339.50	916.32
L	354	Schmidt, Donald Ray	98.15	189.43	289.80	338.91	916.29
L	355	Smith, Carl Ray, Jr	98.24	191.76	293.60	332.62	916.22
L	356	Kint, John Richard	98.11	194.56	289.06	334.44	916.17
L	357	Berby, Richard Harlem	98.11	194.75	288.23	335.01	916.10
L	358	King, William Clark	97.08	190.85	291.82	336.28	916.03
L	359	Brummitt, Gerald Fuller	94.59	189.74	290.30	341.32	915.95
L	360	Gardner, Channing	97.03	190.90	291.63	336.16	915.72
MC	361	Jones, Charles Milton Cecil, Jr	96.06	190.09	288.30	341.16	915.61
L	362	Watkins, Frank Thomas, Jr	93.97	189.94	289.03	342.57	915.51
L	363	Harris, William Luther, Jr	94.28	192.39	289.68	338.96	915.31
L	364	Campbell, Donald Hugh	92.51	194.46	289.44	338.82	915.23
MC	365	Hunt, Robert Gordon, Jr	94.71	191.56	285.05	343.56	914.88
L	366	Vosseler, Warren Paul	99.44	196.07	281.75	337.42	914.68
L	367	Swanson, Peter Scott	97.12	184.29	290.09	342.83	914.33
SC	368	Armstrong, William Alvin	93.84	194.02	287.35	338.98	914.19
L	369	Cartwright, John Philip	97.72	192.32	283.12	340.90	914.06
USAF	370	Nemzek, Thomas Alexander	95.91	190.48	290.83	336.82	914.04
L	371	O'Keefe, Patrick Gordon	94.72	184.81	283.36	351.04	913.93
CEC	372	Brown, Wesley Anthony	92.99	194.43	291.53	334.45	913.40
L	373	Messere, Edward James	95.78	187.11	293.58	336.87	913.34
L	374	Wielki, Eugene John	96.67	192.16	282.84	341.64	913.31
L	375	Dismukes, Horace Eugene	101.09	194.53	285.63	331.98	913.23
L	376	Ekelund, John Joseph	93.88	186.95	288.13	344.26	913.22
L	377	Dorenkamp, Kurt Francis	97.34	191.29	285.92	338.48	913.03
L	378	Miller, Raymond Lee	98.69	195.41	283.86	334.31	912.27
L	379	Wood, Thomas Barkley, Jr.[3]	99.00	193.41	285.88	333.84	912.13
MC	380	Gober, James Richard	92.31	185.75	287.79	346.25	912.10
SC	381	Blackwell, Richard Bays	94.75	186.67	289.18	341.23	911.83
L	382	Smith, Robert McKillop	96.85	191.19	228.10	335.53	911.67
USAF	383	Berg, Robert Stanfield	104.03	191.77	289.15	326.60	911.55
L	384	Beeler, James Walter	93.67	188.20	284.07	345.46	911.40
L	385	Goulburn, Franklin Percival, Jr	94.20	182.72	291.52	342.85	911.29
L	386	Hodder, Joseph Esmond, Jr	95.51	200.21	283.73	331.59	911.04
L	387	Lynch, William Hanna	96.70	182.15	294.76	337.40	911.01
MC	388	Bott, Kenneth Andrew	91.41	186.47	291.07	341.69	910.64
L	389	McMurray, William Cooper	95.93	190.51	279.51	344.43	910.38

[3] Name changed from Barkley Thomas Wood, Jr.

Merit roll for the completed course of the midshipmen of the graduating class (class of 1949), 791 members, of whom 790 graduated—Continued

Symbol (see p. 29)	Order of merit	Name	First year	Second year	Third year	Fourth year	Aggregate multiple for completed course—1140
		Maxima	120	240	360	420	
SC	390	Hausold, Robert Paul	91.27	185.32	288.38	345.28	910.25
SC	391	Riger, Robert John	96.84	187.57	289.06	336.68	910.15
L	392	Potter, William Wesley	96.27	190.25	293.03	330.57	910.12
L	393	Shealy, Oscar Cleveland, Jr	94.50	192.51	289.13	333.79	909.93
USAF	394	Lochner, George Hughes	98.70	192.41	279.82	338.99	909.92
L	395	Schoos, Paul Leo	97.56	190.84	288.65	332.84	909.89
L	396	Emerson, Scott	92.38	188.13	285.93	343.36	909.80
L	397	Jennison, Whitney	97.19	189.34	286.58	336.36	909.47
L	398	Guild, Michael Brenon	96.26	193.45	281.16	338.57	909.44
USAF	399	White, Robert Lewis	93.23	194.26	288.46	333.40	909.35
L	400	Collins, William David, Jr	89.14	181.96	288.52	349.15	908.77
SC	401	Altman, Norman	96.66	191.52	288.86	331.68	908.72
USAF	402	Stewart, Gordon Graham	103.09	196.62	290.50	318.47	908.68
L	403	Dillman, Louis Walther	96.77	192.71	287.80	331.21	908.49
L	404	Seth, Richard Henry	95.50	184.91	288.57	339.05	908.03
L	405	Lawler, William Gresham, Jr	90.56	188.06	280.99	348.23	907.84
L	406	Wynn, James Henry, III	93.26	186.82	284.96	342.73	907.77
USAF	407	Wisherd, Robert Bidle	92.83	189.24	281.60	344.01	907.68
L	408	Goewey, William Irving	95.66	188.90	283.33	336.54	907.43
L	409	Duronio, Valerio "M"	94.89	191.09	283.18	337.87	907.03
L	410	Klein, Peter Frederick	94.50	189.27	286.36	336.40	906.53
L	411	Boykin, Rhodes, Jr	93.60	191.07	286.78	334.24	905.69
L	412	Smith, Charles Ross, Jr	96.96	191.47	284.05	332.92	905.40
L	413	Clark, Willard Huntington, Jr	93.72	187.65	289.99	333.69	905.05
L	414	Faricy, Robert Leo	96.71	181.11	282.14	345.01	904.97
L	415	Woodard, David Jackson	95.23	183.30	289.22	337.21	904.96
L	416	Mallard, John Boyd, Jr	95.40	189.78	290.05	329.71	904.94
L	417	Fullinwider, Peter Lansing	96.89	192.11	280.01	335.91	904.92
L	418	Nelson, Andrew Gibson	97.75	188.39	284.72	333.80	904.66
L	419	Callaghan, William McCombe, Jr	91.57	181.99	291.20	339.80	904.56
USAF	420	Hurst, James Styer	98.57	200.00	285.60	320.37	904.54
MC	421	Parsons, Tom Davie	96.77	194.79	281.44	331.38	904.38
L	422	McFarlane, William Doddridge, Jr	97.83	186.45	286.23	333.86	904.37
L	423	Aljoe, Robert Belknap	89.90	188.52	286.43	339.26	904.11
L	424	Rutledge, William Nunez	94.39	190.72	283.20	335.76	903.98
L	425	Tolbert, Robert Red	97.45	183.47	285.76	337.26	903.94
L	426	Congdon, Robert Newton	93.32	188.07	288.51	333.93	903.83
L	427	Coontz, Robert Joseph	98.29	197.27	281.61	326.34	903.51
L	428	Young, Duane Chadwick, Jr	96.34	190.96	288.33	327.46	903.09
L	429	Harkness, William Newell, Jr	95.87	186.24	287.75	332.59	902.45
L	430	Mahoney, Timothy Raymond	94.67	182.69	286.72	338.35	902.43
L	431	McDonald, Ewing Raiford, Jr	92.61	184.54	282.07	343.19	902.41
L	432	Tinkham, John Alfred	101.87	195.30	281.82	323.04	902.03
L	433	Benson, Francis Wyse, Jr	91.52	184.38	289.83	336.19	901.92
L	434	Shine, Eugene Francis, Jr	94.07	188.55	277.35	341.15	901.12
L	435	Curtin, Theodore Albert	97.92	185.40	277.52	340.23	901.07
L	436	Jensen, John Edward	93.15	179.02	283.73	344.87	900.77
L	437	Douglass, Robert McIntyre	94.25	187.25	283.09	336.02	900.61
L	438	Kraus, Walter John	95.03	187.67	290.61	326.75	900.06
L	439	Yingling, Abdiel Ralph, Jr	90.72	182.07	291.68	335.57	900.04
L	440	Fenlon, Leslie Knapp, Jr	93.64	186.42	286.31	333.50	899.87
MC	441	Ebel, Richard Charles	96.86	193.71	283.18	326.05	899.80
MC	442	Stalnecker, Carl Meredith	96.75	185.19	290.15	337.58	899.67
MC	443	Sheppe, Richard Waring	95.42	184.47	290.74	339.02	899.65
CEC	444	Collins, William Leonard	96.23	188.57	287.70	327.13	899.63
L	445	Docherty, John Francis, Jr	96.37	188.23	282.45	332.52	899.57
L	446	Butler, Thomas Owen, Jr	93.74	188.03	287.34	320.39	899.50
L	447	Sherman, Frank Edwin	92.54	181.88	285.50	339.42	899.34

Merit roll for the completed course of the midshipmen of the graduating class (class of 1949), 791 members, of whom 790 graduated—Continued

Symbol (see p. 29)	Order of merit	Name	First year	Second year	Third year	Fourth year	Aggregate multiple for completed course—1140
		Maxima	120	240	360	420	
SC	448	Riley, Philip Thomas	96.90	184.08	283.15	335.15	899.28
L	449	Henderson, Donald	91.41	187.30	281.85	338.66	899.22
L	450	Hamilton, William Henry, Jr	98.43	189.20	279.84	331.56	899.03
SC	451	McEnearney, John Edward	94.77	192.38	280.43	331.28	898.86
L	452	Fallon, Merton Robert	92.72	185.50	284.17	336.35	898.74
SC	453	Smith, Charles McKinley	95.48	186.03	277.78	339.39	898.68
SC	454	Haeske, Don Charles	101.49	194.69	282.43	320.00	898.61
SC	455	Sandkuhler, William, Jr	93.02	185.60	279.06	340.76	898.44
L	456	Sebenius, Carl Harald, Jr	89.51	183.57	285.72	339.38	898.18
L	457	Brown, Coleman "T", Jr	90.35	182.44	281.76	343.52	898.07
USAF	458	Gilliland, Robert Jordan	94.17	190.08	285.15	328.54	897.94
L	459	Stoddard, Clarence William, Jr	97.54	185.75	288.08	326.45	897.82
tb L	460	Salomon, Robert Jess	99.29	184.33	281.44	332.70	897.76
USAF	461	Foley, Williams Massey	97.54	186.76	286.29	327.11	897.70
L	462	Gunckel, David Lewis	93.09	183.70	285.03	335.86	897.68
USAF	463	Kretschmer, Charles "G", III	89.78	184.57	285.49	337.58	897.42
L	464	Kent, William Ralph, III	99.09	195.60	277.54	325.16	897.39
L	465	Paul, Milton Owen	96.35	189.80	281.53	329.67	897.35
L	466	Smith, Robert Luther	95.64	190.53	285.39	325.78	897.34
L	467	Adams, Francis McKee, Jr	94.36	186.11	279.44	337.26	897.17
SC	468	Hogan, Bernard Charles	89.25	185.45	287.74	334.73	897.17
SC	469	Stuart, Howard Malcolm, Jr	95.46	182.72	286.69	332.26	897.13
SC	470	Higgins, Everett Chipman	91.52	185.20	281.42	338.65	896.79
L	471	Whiteside, Richard Edwin	92.28	185.40	281.47	337.28	896.43
L	472	Wilson, James Creighton	92.44	186.20	282.49	335.22	896.35
L	473	Bushman, Herman Joseph, Jr	93.26	187.92	282.12	332.93	896.23
L	474	Zettel, Marcus Alvin	94.50	185.14	283.69	332.89	896.22
SC	475	Bennett, William Watkins	94.61	183.69	280.84	336.66	895.80
L	476	Danis, John Farwell	94.72	187.03	285.72	328.31	895.78
L	477	Lansill, John Scott, Jr	95.39	182.34	285.93	331.79	895.45
12	478	Morgan, Hal McNamee	91.58	189.96	285.41	328.49	895.44
L	479	Cluett, David Grenfell	95.59	188.21	282.18	329.39	895.37
L	480	Kennedy, Richard Alfred, Jr	91.40	191.83	283.28	328.86	895.37
L	481	Glass, Beaumont, Jr	100.03	190.07	277.02	327.60	894.72
L	482	Barden, Robert	91.05	182.85	285.55	335.26	894.71
L	483	Shanhouse, William Miller	96.96	182.62	287.79	327.25	894.62
L	484	English, Jack Lee	93.89	188.32	280.05	331.82	894.08
L	485	Koehler, Philip Jerome	94.77	190.29	279.80	329.18	894.04
L	486	MacDonald, Clinton Donald	89.74	185.33	287.26	331.52	893.85
L	487	Brown, Ernest Bruce	95.33	184.19	275.24	339.08	893.84
L	488	Aalyson, Craig Boyd [4]	95.47	186.37	276.41	335.47	893.72
L	489	Bourne, William DeWayne	92.94	187.32	283.40	330.05	893.71
USAF	490	Ellis, Atlee Robert	90.07	183.53	280.97	338.46	893.03
L	491	Capone, Lucien, Jr	99.18	191.92	282.88	318.58	892.56
L	492	Rowe, Robert Evans	94.15	189.67	281.39	327.26	892.47
L	493	Bernstein, Karl Joseph	90.90	186.64	279.41	335.37	892.32
SC	494	Emery, William Taft	96.62	185.66	277.70	332.15	892.13
L	495	Donahue, Harry Joseph	94.83	183.24	276.88	337.09	892.04
L	496	Kindl, Herbert James	100.23	191.17	281.75	318.83	891.98
CEC	497	Wittschiebe, Donald William	90.14	179.37	281.67	340.43	891.61
USAF	498	Fulton, William McKinney	97.29	190.45	278.09	325.54	891.37
L	499	Duke, William Eskridge, Jr	98.93	189.61	276.12	327.01	890.97
L	500	Fredericks, Warren John	94.28	188.56	280.74	327.05	890.63
L	501	Linton, Thomas Densmore, Jr	91.80	190.17	280.11	328.50	890.58
L	502	Lindsey, Wesley Elvin, Jr	88.98	177.99	281.27	341.60	889.84

[4] Name changed from Billy Howard Craig.

Merit roll for the completed course of the midshipmen of the graduating class (class of 1949), 791 members, of whom 790 graduated—Continued

Symbol (see p. 29)	Order of merit	Name	First year	Second year	Third year	Fourth year	Aggregate multiple for completed course—1140
		Maxima	120	240	360	420	
L	503	Llewellyn, Hiram Peter [1]	91.71	186.56	283.12	328.41	889.80
L	504	Patton, James Eugene	92.67	182.20	281.52	333.23	889.62
MC	505	Taylor, Joseph Zachary	92.64	184.91	282.92	329.15	889.62
L	506	Koach, John Henry	87.48	178.85	285.42	337.83	889.58
L	507	Burke, John Frederick	95.47	182.16	280.89	331.05	889.57
L	508	Ramsey, Lee McComas	86.75	181.82	282.66	337.91	889.14
SC	509	Dickson, Holton Carroll, Jr	90.24	186.37	283.74	328.37	888.72
L	510	Sandlin, William Clinton, Jr	94.99	182.95	286.90	323.71	888.55
CEC	511	Hall, William Clifton	92.05	184.90	285.82	325.76	888.53
L	512	Inskeep, James Edward, Jr	96.08	191.70	279.70	320.84	888.32
L	513	Smith, Robert Foley, Jr	90.12	184.90	282.66	330.51	888.19
L	514	Eaton, William Tapley	94.84	182.46	284.43	326.27	888.00
MC	515	Davis, Kelly James, Jr	96.24	184.34	277.01	330.01	887.60
L	516	Ratliff, William Murray	91.22	183.91	281.22	331.22	887.57
USAF	517	Gibson, Norman Lawrence	90.21	183.46	281.51	332.13	887.31
USAF	518	James, Robert Earl	98.87	185.24	275.32	327.58	887.01
MC	519	Turner, Kenneth Edward	94.31	189.95	277.94	324.72	886.92
USAF	520	Clark, John Robert, III	93.13	183.95	281.01	328.78	886.87
L	521	Derby, Lawrence Hedrick, Jr	90.39	181.13	279.61	335.56	886.69
L	522	Read, William Gordon, Jr	92.00	173.53	287.20	333.86	886.59
L	523	Dyer, Gerald Wesley	99.67	179.08	273.83	333.91	886.49
L	524	Fishburn, John Eugene, III	99.52	177.75	280.35	328.81	886.43
L	525	Brady, Robert Edward	90.54	182.75	280.23	332.33	885.85
L	526	Horne, Robert Edward, Jr	90.58	183.11	279.84	331.82	885.35
MC	527	Hoppe, Henry, III	93.15	181.61	277.74	332.82	885.32
USAF	528	Wallace, Jay Raymond	99.48	181.52	272.24	331.97	885.21
L	529	Bartholomew, Byron Simpson, Jr	97.29	187.22	277.78	322.78	885.07
MC	530	Ringwood, Thomas Edward, Jr	93.65	184.94	276.25	330.08	884.92
L	531	Smith, James Herbert Basil	88.35	182.09	276.34	338.11	884.89
L	532	McDonald, Thomas Ely	93.80	188.30	279.79	322.91	884.80
L	533	Goldman, Roy Edwin	98.01	186.82	273.62	326.29	884.74
L	534	Walters, Robert Levi	93.11	183.86	281.76	325.91	884.64
L	535	Skomsky, Stephen Alexander	87.15	175.57	280.94	340.82	884.48
MC	536	Budge, William James	87.76	177.18	279.58	339.39	883.91
SC	537	Kocher, Edward Mitchell	90.79	178.94	278.27	335.38	883.38
L	538	Wilson, Carl Burney	86.94	180.04	277.50	338.80	883.28
L	539	Stubstad, James Alfred	97.92	184.46	270.54	330.21	883.13
L	540	Hiebert, Robert William	89.19	185.91	281.95	325.96	883.01
L	541	Plank, Richard Brearley	96.68	180.56	276.61	328.83	882.68
L	542	Brajdich, Walter Joseph	89.44	182.23	277.28	333.66	882.61
L	543	McQuilling, James Alexander	86.19	179.54	279.94	336.76	882.43
L	544	Coldwell, William Michie	97.14	183.46	280.11	321.63	882.34
L	545	Downes, Barton Miller	99.74	184.78	273.47	323.90	881.89
th L	546	Schaeffer, Valentine Hixson, Jr	96.48	179.90	277.22	328.02	881.62
MC	547	Speckart, Eugene Otto	93.24	180.31	282.22	325.73	881.50
USAF	548	Morrison, Joseph Richard	90.28	179.98	279.35	331.80	881.41
th L	549	Goodacre, Russell Francis, Jr	95.12	181.44	266.71	338.02	881.29
USAF	550	Purnell, Harry Orvil	92.72	185.35	272.16	330.94	881.17
L	551	Stiles, Charles Lawrence	93.15	184.12	279.40	324.30	880.97
SC	552	Fishman, Horace Paul	97.10	187.80	274.24	321.66	880.80
L	553	Dreyer, Royce Carleton	91.39	180.42	278.85	329.22	879.88
L	554	Furrh, James Loftus, Jr	89.82	182.87	283.60	323.28	879.57
L	555	Tipton, Harold Forrest, Jr	93.35	183.82	276.43	325.87	879.47
L	556	James, Rodney Roach	89.50	185.71	279.75	324.48	879.44
L	557	Helmer, Dale Potter	92.05	182.96	277.80	326.51	879.32

[1] Name changed from Hiram Pete Franklin Llewellyn.

Merit roll for the completed course of the midshipmen of the graduating class (class of 1949), 791 members, of whom 790 graduated—Continued

Symbol (see p. 29)	Order of merit	Name	First year	Second year	Third year	Fourth year	Aggregate multiple for completed course—1140
		Maxima	120	240	360	420	
L	558	Rupe, Jack Wilbur	91.81	179.32	277.62	330.38	879.13
L	559	Merrill, Warren Howard	91.85	179.38	278.85	329.04	879.12
MC	560	Devine, Lewis Hallett	91.27	180.03	280.74	326.65	878.69
CEC	561	LeGros, Paul Greig	94.21	189.42	274.19	320.67	878.49
MC	562	West, Richard Harley	90.58	177.02	276.03	334.52	878.15
SC	563	Glickman, Richard	93.52	179.17	278.00	327.44	878.13
L	564	Chevalier, Edmond Andrew	94.51	181.46	275.10	326.81	877.88
L	565	Hoff, William Eldridge	91.73	177.24	283.98	324.64	877.59
L	566	Cook, Karl Frederick	89.28	179.86	275.34	333.05	877.53
L	567	Greenwood, Richard Glen	93.06	184.47	273.30	326.62	877.45
SC	568	Roberts, Calvin Watkins	87.35	174.44	282.36	333.29	877.44
L	569	Barrow, John Franklin	95.04	183.53	275.17	323.66	877.40
L	570	Kirkbride, Joseph Owen, Jr	92.08	178.29	273.93	333.08	877.38
L	571	Cornett, Francis Edward	94.98	185.01	275.97	321.04	877.00
a	572	Bentin, Manuel Oscar [5]	91.87	186.57	271.29	327.26	876.99
MC	573	Killeen, Calhoun John	91.58	179.68	280.58	324.42	876.26
L	574	Hesley, Frederick DeLong, Jr	95.15	179.22	271.52	330.28	876.17
L	575	Colvin, Oliver Dyer, Jr	97.49	182.02	267.57	329.09	876.17
MC	576	Hensler, Thomas Paul, Jr	93.07	179.28	273.77	329.95	876.07
SC	577	Coryell, Rex Sherman	91.79	181.59	275.04	327.51	875.93
L	578	Albers, Hugh Wallick	95.09	185.60	265.43	329.70	875.82
USAF	579	Knoble, William Stanford	97.40	182.32	274.60	321.48	875.80
12	580	Duvall, Gordon Grant	96.07	180.74	275.90	322.65	875.36
L	581	Bacchus, Wilfred Alan	93.61	178.61	270.95	332.15	875.32
MC	582	Riegert, Theophil Paul	92.74	184.63	270.94	326.93	875.24
L	583	Florence, George Donald	93.80	185.13	277.65	318.56	875.14
L	584	Campbell, David Osborne	94.89	184.15	281.73	313.30	874.07
USAF	585	Murphy, Brian Patrick	90.69	182.80	273.93	326.28	873.70
USAF	586	Graham, Floyd William	92.26	179.55	272.15	329.47	873.43
L	587	Ellis, Richard Moore	89.72	183.44	277.35	322.62	873.13
L	588	Cruise, Edgar Allan, Jr	93.26	184.15	269.54	325.90	872.85
L	589	Twilla, John Kenneth	90.81	176.67	267.73	337.53	872.74
L	590	Suhr, Phillip Byrd	94.79	186.64	272.65	318.48	872.56
L	591	Thom, Philip Howard, Jr	90.44	178.21	279.63	323.95	872.23
L	592	Sullivan, John Humphrey	94.55	182.42	270.79	324.22	871.98
L	593	Valencia, Wallace	94.98	185.86	262.15	328.89	871.88
L	594	Edwards, Howard Rupert, Jr	91.06	184.92	269.43	326.46	871.87
SC	595	Gary, William Leo	99.47	189.62	268.80	313.94	871.83
L	596	Smith, Wayne Douglas	87.84	174.76	279.00	330.18	871.78
L	597	Kneale, James Edward	90.40	178.10	275.49	327.28	871.27
USAF	598	Howe, John Proctor	91.79	175.73	274.35	329.26	871.13
L	599	Clarke, Horace Donald, Jr	96.13	177.30	268.47	329.07	870.97
L	600	Nicholson, Meredith Wayne	91.82	189.50	272.03	326.37	870.72
L	601	Serrille, Louis Matthew	93.12	181.55	276.98	318.77	870.42
L	602	Kirk, Gilbert John, Jr	89.92	182.98	273.21	323.78	869.89
SC	603	Knudson, John Francis	87.79	178.03	278.64	325.05	869.50
SC	604	Dearing, Jimmy Pearce	89.01	177.80	275.42	326.70	868.93
L	605	Oesterreicher, John Anton	86.88	176.03	276.51	329.43	868.85
L	606	Ooghe, Robert Barksdale	97.09	182.56	267.85	321.25	868.75
L	607	Thiele, Malcolm Hobart	90.70	178.28	266.34	333.34	868.66
L	608	Haskell, William Charles	90.01	174.35	274.69	329.49	868.54
L	609	Leisure, Jack Raymond	94.29	182.04	275.29	316.86	868.48
L	610	Gollner, Joseph Henry	88.76	179.04	273.98	326.18	867.96
L	611	Woods, Edwin Elmore, Jr	94.25	181.10	270.49	322.10	867.94
MC	612	Bassett, William Dale, Jr	91.71	176.37	268.25	331.46	867.79

[5] Name changed from Manuel Sanchez Bentin.

Merit roll for the completed course of the midshipmen of the graduating class (class of 1949), 791 members, of whom 790 graduated—Continued

Symbol (see p. 29)	Order of merit	Name	First year	Second year	Third year	Fourth year	Aggregate multiple for completed course—1140
		Maxima	120	240	360	420	
L	613	Mollison, Oliver Spencer	95.43	179.99	275.61	316.71	867.74
L	614	Kelly, Richard Wilbur	93.95	183.42	267.86	322.39	867.62
L	615	Stapleton, Walter Donald	92.16	180.62	274.86	319.77	867.41
L	616	Bennett, Cedric Eugene	88.17	181.16	276.20	321.66	867.19
L	617	Hendrickson, Robert Clymer, Jr	93.26	175.35	273.58	324.80	866.99
SC	618	Elichalt, Henry Donald	89.32	185.09	269.09	323.43	866.93
L	619	Piazza, Thomas Joseph	96.39	180.17	273.25	317.11	866.92
MC	620	Kelley, MacLean	93.94	179.57	275.56	317.70	866.77
L	621	Wolford, Richard Stephen	86.22	180.63	272.81	326.86	866.52
L	622	Maguire, Edward Joseph, Jr	94.57	185.03	266.17	320.73	866.50
L	623	Wilson, Russell Franklin	92.16	178.45	269.52	326.00	866.13
USAF	624	Mulkey, Reed Claiborne	91.60	175.32	279.44	319.74	866.10
CEC	625	Bobrick, Irving	87.62	172.29	271.40	334.47	865.78
L	626	Lister, Donald	88.30	174.07	272.69	330.69	865.75
L	627	McArthur, Kenneth Vincent	86.44	180.39	271.78	326.77	865.38
L	628	Nadig, Donald Arthur	93.53	173.88	277.04	320.88	865.33
L	629	Maier, Charles William, Jr	92.99	186.06	277.79	308.33	865.17
USAF	630	Dolan, John Thomas	93.98	177.09	274.15	319.82	865.04
L	631	Kuhne, Robert George	90.41	177.45	271.30	325.70	864.86
L	632	Ripley, Robert Kenyon	89.59	174.86	268.48	331.89	864.82
L	633	Dahlman, Donald Arthur	90.21	172.72	273.79	328.09	864.81
L	634	McQuiston, Edward Irwin, Jr	92.55	178.74	268.35	324.54	864.18
L	635	Gauss, Matthew Johns, Jr	87.69	171.27	275.14	329.98	864.08
L	636	Linder, James Benjamin	82.22	174.24	277.95	329.61	864.02
MC	637	Woods, Harry Dale	93.58	177.15	267.58	325.67	863.98
MC	638	Haynes, George Alfred Phillips	91.75	179.26	273.54	318.59	863.14
SC	639	Garibaldi, James Joseph	86.97	176.26	268.91	330.90	863.04
USAF	640	Frost, Richard Floyd	90.10	181.95	276.71	314.20	862.96
L	641	Potts, Bobby Lee	92.49	181.98	270.15	318.33	862.95
USAF	642	Blake, Thomas Frederick, Jr	96.51	181.61	269.45	314.78	862.35
MC	643	Whiting, Charles Segar	93.78	182.30	265.30	320.66	862.04
L	644	Parker, Howard Baucum, Jr	92.68	184.56	271.50	313.03	861.77
L	645	Moore, Lundi Addison	86.30	171.49	268.54	335.23	861.56
13	646	Fenno, Eric Neil	93.97	189.97	267.92	309.28	861.14
L	647	Perkins, John Hamilton, Jr	90.41	178.94	271.79	319.92	861.06
MC	648	Lawrence, Randlett Towns	88.33	174.71	268.06	329.91	861.01
L	649	Scott, James Hernandez	90.65	179.96	271.48	318.69	860.78
L	650	McVoy, James Leonard	95.79	179.10	260.32	325.46	860.67
L	651	Stone, George Boyd	88.75	172.03	275.73	323.57	860.08
L	652	Shea, Lewis Anthony, Jr	93.44	179.64	271.30	315.66	860.04
L	653	Scoville, Jack	97.51	181.15	267.15	314.06	859.87
L	654	Ward, Frank Watson, III	90.10	183.13	271.10	315.43	859.76
L	655	Williams, Edwin Earl	89.86	180.13	268.20	321.28	859.47
MC	656	Waller, Littleton Waller Tazewell, II	91.39	172.10	275.12	320.63	859.24
L	657	McAnulty, Robert Moorman, Jr	91.31	178.90	268.12	320.81	859.14
L	658	Brown, Frank Porter, Jr	87.91	176.57	272.43	321.65	858.56
L	659	Majesky, John Edward	91.17	177.81	268.19	321.27	858.44
b L	660	Conover, Harvey, Jr	92.80	175.80	266.64	323.14	858.38
SC	661	Roos, William Topkis	91.61	172.76	271.89	321.90	858.16
SC	662	Campanile, John Julius	98.84	181.64	273.65	304.02	858.15
L	663	Magee, Jack Edmunds	86.68	172.97	277.08	321.20	857.93
L	664	Brown, James Bradley	86.24	174.75	275.61	321.18	857.78
L	665	Dalrymple, John Marshall	90.51	180.37	263.35	323.22	857.45
L	666	Kinney, Clark Mills, Jr	89.23	178.56	270.31	319.29	857.39
b MC	667	Townsend, Jack Eryl	93.31	171.72	268.93	322.29	856.25
L	668	Schriefer, Walter Albert	90.57	181.92	270.26	312.81	855.56
L	669	Hickey, Charles Francis	90.71	178.76	264.39	321.62	855.48

Merit roll for the completed course of the midshipmen of the graduating class (class of 1949), 791 members, of whom 790 graduated—Continued

Symbol (see p. 29)	Order of merit	Name	First year	Second year	Third year	Fourth year	Aggregate multiple for completed course—1140
		Maxima	120	240	360	420	
L	670	Thurber, Harry Raymond, Jr	89.75	176.90	273.29	315.03	854.97
L	671	Miller, John Randolph	92.09	183.27	268.65	310.29	854.30
tb SC	672	Gill, Thomas Michael	94.08	179.73	265.36	314.98	854.15
L	673	Cooper, Stanley Gibson	89.37	173.99	270.10	320.48	853.94
L	674	O'Flaherty, William Anderson	88.39	174.90	269.60	320.77	853.66
SC	675	Clement, Danforth	88.20	175.47	268.69	320.81	853.17
L	676	Dickson, James Douglas	92.70	174.48	269.91	315.83	852.92
L	677	Bacon, Allan Francis	89.58	172.45	267.09	323.76	852.88
L	678	Russ, William Hardy, III	90.81	174.78	268.15	317.97	851.71
L	679	Knoizen, Arthur Kennedy	89.25	173.51	267.28	321.58	851.62
L	680	Benas, George Magnus, Jr	90.78	173.30	258.95	328.51	851.57
L	681	Boughton, Alfred Clark, III	89.66	173.90	266.12	321.18	850.86
L	682	Manseau, Robert George	92.50	180.20	268.16	309.95	850.81
L	683	Titus, Robert William	91.16	169.20	266.53	323.78	850.67
L	684	Chote, Raymond Glen	90.40	175.10	268.55	315.90	849.95
USAF	685	Ellis, Alston Ramsay	92.50	178.25	269.92	309.20	849.87
USAF	686	Lindy, Alan Maurice	88.78	171.13	261.70	327.82	849.43
L	687	Bailey, Richard Taylor	93.18	173.36	271.06	311.27	848.87
tb USAF	688	Roland, Frank Orlando, Jr	94.06	173.48	269.57	311.68	848.79
L	689	Baysinger, Reaves Henry, Jr	93.97	173.06	259.83	321.26	848.12
SC	690	Maxwell, Robert Walter	89.96	175.81	269.00	313.32	848.09
L	691	Bading, Herman Morris	90.91	172.33	263.40	321.17	847.81
L	692	Middleton, John Davidson	87.90	178.73	270.57	310.44	847.64
L	693	Roberts, Gerald Grey	85.68	181.33	264.93	315.56	847.50
L	694	Boggs, Paul Raymond, Jr	85.82	174.30	262.69	324.30	847.11
SC	695	Barsness, Erling Ormseth	92.18	181.21	261.62	311.92	846.93
SC	696	Ridenour, Richard Wolfe	89.32	173.16	261.33	322.82	846.63
MC	697	Stephenson, Paul Francis	91.20	171.07	271.70	312.59	846.56
L	698	Hofford, John Labbee	86.63	176.71	262.55	320.39	846.28
12	699	Smith, Earl William, Jr	91.39	179.96	262.91	311.49	845.75
L	700	Longino, Hugh Ellen, Jr	87.70	174.18	264.26	319.51	845.65
L	701	Morency, Alfred James	87.87	173.07	267.01	317.45	845.40
tb L	702	Potteiger, Robert Samuel	88.90	184.53	262.53	309.04	845.00
L	703	Mays, Charles Harder	88.87	171.11	271.48	313.07	844.53
L	704	Owens, Andrew Jenkins	88.65	178.47	259.92	317.41	844.45
12	705	King, Archer Emmet, III	89.05	181.56	263.54	309.92	844.07
L	706	Hibbard, Francis Roger	86.71	171.80	260.64	324.33	843.48
L	707	Carmack, James Alfred, Jr	88.34	178.73	262.22	314.03	843.32
tb L	708	Larish, David Charles	87.81	181.29	271.45	302.67	843.22
L	709	Marr, William Francis	91.44	180.07	271.05	300.61	843.17
USAF	710	Haughey, James Ross	87.30	167.91	263.72	324.20	843.13
SC	711	Brown, Robert Michael	89.44	174.32	263.27	315.67	842.70
12	712	Meloy, Charles Furlong	86.48	171.44	260.27	324.27	842.46
L	713	Finlay, William Albert, Jr	92.33	170.38	255.85	323.71	842.27
L	714	Krause, Stephen Robert	93.49	175.75	258.02	314.49	841.75
L	715	Harper, John Finlay, Jr	89.36	172.90	268.36	310.67	841.29
L	716	Matheney, James Waters	85.11	170.20	270.61	315.31	841.23
SC	717	Wilson, John Caldwell	88.69	174,18	261,08	317,27	841,22
CEC	718	Lang, Lemond DeKern [7]	90.69	172.93	267.90	308.58	840,10
L	719	Culp, John Bell, Jr	86.77	170.37	262.72	319.12	838.98
L	720	Shepard, Byron Martin	89.81	177.34	261.28	310.26	838.69
L	721	White, Henry Charles	89.44	167.27	262.32	319.62	838.65
L	722	Dobbins, Stephen Arthur	87.71	169.98	268.25	311.80	837.74
L	723	Lund, John Ditlev	89.19	170.16	263.03	314.35	836.73
MC	724	Ruggieri, Archie Raymond, Jr	92.97	169.68	256.76	317.22	836.63

[7] Name changed from Lemon DeKern Lang.

Merit roll for the completed course of the midshipmen of the graduating class (class of 1949), 791 members, of whom 790 graduated—Continued

Symbol (see p. 29)	Order of merit	Name	First year	Second year	Third year	Fourth year	Aggregate multiple for completed course—1140
		Maxima	120	240	360	420	
L	725	Mello, Gilbert David	88.25	177.07	262.65	308.55	836.52
USAF	726	Cecil, Charles Purcell, Jr.	88.05	173.08	271.47	303.65	836.25
L	727	Mikles, Arthur Henry [5]	86.48	164.58	267.98	316.85	835.89
tb MC	728	McCallum, Charles Phillip, Jr.	90.56	175.92	259.22	310.05	835.75
L	729	Kahn, Daniel Herbert	95.57	174.58	256.58	308.90	835.63
L	730	Kling, George Malcolm	87.41	163.52	261.60	321.17	833.70
L	731	McCoy, Elbert Julius	92.22	171.83	275.22	294.25	833.52
L	732	Helbig, Walter Lawrence, Jr.	87.93	177.02	266.36	302.01	833.32
L	733	Stewart, Robert Earl	86.86	170.50	257.76	317.54	832.66
L	734	Sumner, George Wilson, Jr.	87.10	169.64	261.17	314.50	832.41
SC	735	Ivers, John Francis	90.58	166.52	258.13	316.87	832.10
L	736	Dickson, Joe Alex	89.04	173.21	266.16	303.17	831.58
L	737	Collins, Leonor Loree	87.83	173.70	253.91	315.77	831.21
SC	738	Simcich, Alfred Frederick	89.61	174.53	252.68	314.34	831.16
L	739	Reddick, James Peter, Jr.	87.84	171.41	258.58	312.64	830.47
USAF	740	Sieck, John Perry	86.33	169.02	266.84	307.24	829.43
L	741	Benson, John Schuler McKinney	85.04	180.17	261.69	302.35	829.25
L	742	Miller, Gerlous Ganes, Jr.	87.96	168.18	265.18	307.17	828.49
L	743	Logomasini, Joseph Harry	87.88	175.40	264.84	299.77	827.89
L	744	Parr, Warren Sherman, Jr.	90.59	169.93	254.56	312.10	827.18
L	745	Saraceni, Peter Julius	94.43	173.98	257.86	300.88	827.15
L	746	Snodgrass, Cornelius Stribling, Jr.	90.31	171.15	255.56	310.09	827.11
MC	747	Hissom, Irven Arthur	86.75	174.39	261.02	304.10	826.26
SC	748	Lankenau, Roy Winfield	91.00	176.43	252.85	305.65	825.93
L	749	Vail, Clinton Robert	90.85	164.16	254.15	316.70	825.86
MC	750	O'Connell, Edward Joseph, Jr.	85.54	175.88	257.88	306.03	825.33
L	751	Berngard, Melvin	84.36	172.04	263.66	305.18	825.24
L	752	Hawley, Dale Allen	88.78	167.86	256.74	311.71	825.09
L	753	Ostlund, John Chapman	88.22	164.97	256.09	315.68	824.96
MC	754	Grabowsky, Fred	93.04	171.98	263.12	296.49	824.63
L	755	Bloom, Thomas Edward	87.67	164.69	255.73	316.24	824.33
USAF	756	Peters, John Charles	86.28	169.24	260.55	308.24	824.31
L	757	Frazee, Joyce Marvin	88.29	171.08	256.52	308.26	824.15
L	758	Messenger, Frank, III	86.80	166.35	258.76	311.89	823.80
SC	759	Haley, Richard Wright	88.95	172.25	254.73	307.69	823.62
L	760	Bauman, Charles Joseph, Jr.	86.80	171.33	260.84	304.48	823.45
L	761	Florence, Philip Fort	87.42	164.91	256.66	314.23	823.22
L	762	Sain, Frank Clinton	85.81	164.21	258.31	313.56	821.89
tb L	763	Harlan, Donald Michael	90.04	171.18	257.08	302.12	820.42
L	764	Palmer, Courtland Arnold, Jr.	85.34	169.50	256.54	308.24	819.62
L	765	Venable, Jack Donald	84.94	167.02	258.53	308.71	819.20
L	766	Vladessa, Philip	89.82	170.29	252.12	306.28	818.51
L	767	Johnson, Dallas DeSilva	86.29	165.98	253.88	311.83	817.98
L	768	Peterson, William Calhoun	88.50	167.03	257.19	304.88	817.60
L	769	Agnew, Richard Scott	92.31	164.37	251.77	309.14	817.59
L	770	Ardinger, Robert Hall	88.03	172.31	258.85	298.34	817.53
L	771	Pratt, Edwin Seymour	91.45	172.92	250.66	301.55	816.58
tb L	772	McArthur, Ralph Welburn	96.93	167.86	251.24	299.16	815.19
L	773	Barrow, Joseph James	91.48	168.72	255.63	299.16	814.99
b SC	774	Pillsbury, Eugene Hundley	90.62	170.06	248.20	304.37	813.25
tb L	775	Breaux, Charles Ballard, Jr.	90.93	169.66	255.92	295.63	812.14
L	776	Laric, Paul Herbert	91.47	169.95	243.83	306.42	811.67
MC	777	Black, William Alexander	86.74	161.60	251.97	310.05	810.36
L	778	Sprague, David Hayes	88.30	166.41	257.83	297.82	810.36
SC	779	Tapp, James Garner	88.32	165.79	253.56	299.66	807.33

[5] Name changed from Arthur Henry Miksovsky.

Merit roll for the completed course of the midshipmen of the graduating class (class of 1949), 791 members, of whom 790 graduated—Continued

Symbol (see p. 29)	Order of merit	Name	First year	Second year	Third year	Fourth year	Aggregate multiple for completed course—1140
		Maxima	120	240	360	420	
MC	780	Peterson, Willard Stanley	84.93	166.30	252.68	301.69	805.60
L	781	Schuchart, George Sprague	87.59	162.39	241.11	312.69	803.78
tb L	782	Bailey, Gilliam Maxwell	89.02	164.75	244.24	304.16	802.17
MC	783	Brannon, Philip Clyde	91.13	175.18	246.85	288.94	802.10
tb L	784	Whittlesey, Barry Dean	89.08	168.33	243.25	299.12	799.78
SC	785	Daniel, Dorsey Wharton	90.28	170.81	246.93	291.02	799.04
SC	786	Rensberger, Lee Orville	89.14	168.65	249.79	289.81	797.39
MC	787	Krider, Robert Hardin	90.19	166.90	241.37	295.29	793.75
L	788	Norton, Curtis Ralph, Jr	85.36	167.25	243.37	294.45	790.43
L	789	Hemann, John William	82.69	166.62	244.85	290.02	784.18
L	790	Gewirz, Bernard Samuel	85.00	160.48	239.47	296.55	781.50
19	*Inc.*	McFeaters, John Shaffer, Jr	90.18	166.94	251.15	79.80	*Inc.*

848909—50——4

RELATIVE STANDING—GRADUATING CLASS, JUNE 1949

Relative standing of the midshipmen of the graduating class (class of 1949), 791 members

[F—French; G—German; P—Portuguese; R—Russian; S—Spanish]

Symbol (see p. 29)	Relative standing for completed course	Relative standing for last year of course	Name	Language studied	Relative standing for last year in— Conduct	Aptitude	Leadership	S. & N.	O. & G.	M. E.	Aviation	E. E.	E. H. & G.
L	488	426	Aalyson, Craig Boyd [1]	S	533	527	322	340	381	458	288	396	437
L	283	266	Achee, Emile Walton	F	339	158	305	449	276	464	160	219	260
L	467	401	Adams, Francis McKee, Jr	S	570	340	782	369	485	268	520	319	411
L	269	319	Adams, Richard Dale	S	268	399	559	322	410	325	367	231	397
L	142	*74	**Adkins, Edward Cleland**	S	61	70	90	182	163	183	84	161	38
L	769	740	Agnew, Richard Scott	S	339	527	771	752	768	756	788	786	130
L	578	519	Albers, Hugh Wallick	P	481	476	572	385	460	582	422	500	572
L	*117	*32	**Alderman, Edward Lane**	S	120	235	217	42	74	22	50	7	231
L	423	361	Aljoe, Robert Belknap	S	475	198	195	382	495	502	288	530	116
L	*95	*96	**Allen, David Sledge**	S	339	25	116	149	236	60	163	144	442
L	*52	*55	**Allen, Milton Nicholas**	S	337	5	231	64	84	162	185	86	407
SC	401	490	Altman, Norman	S	653	639	212	301	334	534	453	485	321
L	*27	*22	**Alvis, John Hubbard**	S	1	158	104	25	40	10	96	6	271
SC	*78	*77	**Anderson, William "B", Jr**	S	268	158	43	46	71	80	422	128	170
L	*34	*8	**Annenberg, Ted Max**	S	1	14	19	15	56	31	21	61	49
L	770	779	Ardinger, Robert Hall	G	771	751	273	786	712	789	786	744	288
SC	368	369	Armstrong, William Alvin	S	722	198	555	199	345	531	319	409	214
USAF	268	229	Ashcroft, Dale LeRoy	S	120	399	212	288	186	402	355	146	218
L	307	181	Atkins, A. J. Martin	S	334	14	364	279	352	371	485	213	343
L	581	480	Bacchus, Wilfred Alan	P	268	158	709	398	506	552	185	682	358
L	677	610	Bacon, Allan Francis	G	120	158	494	642	563	715	711	634	700
L	*99	*88	**Bacon, John Anderson, Jr**	F	533	55	66	146	153	236	81	164	31
L	691	643	Bading, Herman Morris	G	268	476	726	686	551	648	641	513	720
th L	782	761	Bailey, Gilliam Maxwell	S	751	340	659	717	776	743	765	723	778
L	687	728	Bailey, Richard Taylor	S	653	751	487	690	680	742	466	662	466
L	*111	*98	**Bajus, John Clair**	F	120	39	364	137	250	289	165	55	271
L	236	231	Baker, Robert Felix	S	1	235	60	222	155	157	176	494	339
L	*58	*34	**Balch, Allen Horace**	P	407	18	45	114	66	85	33	113	107
L	211	243	Balko, William John	S	407	399	173	380	317	183	432	113	354
L	275	246	Baltar, Jack Eikel	S	268	132	131	370	169	289	407	359	282
L	482	432	Barden, Robert	F	191	276	487	452	595	414	381	498	385
L	*19	*23	**Barkley, Henry Brock, Jr**	S	191	85	101	38	13	56	52	4	326
L	*17	*7	**Barrow, John Curtis**	F	1	1	142	49	42	53	128	47	24
L	569	613	Barrow, John Franklin	S	61	340	429	636	700	683	628	616	561
L	773	776	Barrow, Joseph James	F	570	566	789	790	790	750	785	733	720
SC	695	721	Barsness, Erling Ormseth	F	120	399	770	684	619	760	758	753	731
L	529	622	Bartholomew, Byron Simpson, Jr	S	630	604	616	581	672	539	277	361	744
MC	612	494	Bassett, William Dale, Jr	S	120	158	752	545	618	515	692	525	505
L	172	*116	**Bassing, Bernard Edward**	S	191	340	293	205	88	81	26	115	166
L	760	759	Bauman, Charles Joseph, Jr	S	405	751	546	721	695	752	743	723	750
USAF	*107	*82	**Baumgarten, Harry Edward, Jr**	S	1	5	38	144	210	257	144	287	149

[1] Name changed from Billy Howard Craig.

Relative standing of the midshipmen of the graduating class (class of 1949), 791 members—Continued

Symbol (see p. 29)	Relative standing for completed course	Relative standing for last year of course	Name	Language studied	Relative standing for last year in— Conduct	Aptitude	Leadership	S. & N.	O. & G.	M. E.	Aviation	E. E.	E. H. & G.
L	259	274	Baur, Fred George	S	120	55	520	306	260	527	572	342	350
L	689	638	Baysinger, Reaves Henry, Jr.	S	570	198	722	577	730	578	397	712	661
L	*31	*13	**Bean, Raymond Wesley**	S	120	25	10	62	44	25	37	66	48
L	*63	*33	**Beckwith, Reynolds**	R	268	25	157	53	126	117	11	67	157
MC	*68	*17	**Beeler, James Dayton**	P	120	132	13	54	29	15	75	45	25
L	384	270	Beeler, James Walter	S	120	25	709	648	461	300	195	194	618
L	680	538	Benas, George Magnus, Jr.	F	407	25	659	623	697	614	617	689	547
L	616	629	Bennett, Cedric Eugene	S	191	132	698	668	772	515	718	651	736
SC	475	411	Bennett, William Watkins	S	191	340	384	294	482	242	605	438	702
L	345	324	Benoit, John Easley	R	570	276	124	202	328	438	229	377	337
L	433	417	Benson, Francis Wyse, Jr.	F	191	340	195	482	279	411	432	587	326
L	741	767	Benson, John Schuler McKinney	S	790	751	731	727	623	760	394	659	462
L	320	387	Benson, Richard Hugh	S	716	85	738	134	548	446	243	484	449
a	572	554	Bentin, Manuel Oscar [2]	S	407	276	691	528	548	568	772	601	481
L	357	438	Berby, Richard Harlem	S	676	399	621	512	406	282	463	288	582
USAF	383	569	Berg, Robert Stanfield	F	771	791	577	181	381	157	236	284	530
L	751	757	Berngard, Melvin	F	706	751	639	759	712	774	213	695	536
L	493	431	Bernstein, Karl Joseph	S	533	158	150	449	408	685	596	529	157
MC	777	734	Black, William Alexander	S	61	762	731	624	705	765	649	710	590
SC	381	336	Blackwell, Richard Bays	G	61	566	255	302	142	282	300	413	503
USAF	642	701	Blake, Thomas Frederick, Jr.	S	407	478	390	681	685	743	739	685	697
L	179	207	Blodgett, Frederick Jeffrey	F	339	158	42	238	219	134	144	338	449
L	755	689	Bloom, Thomas Edward	S	61	276	463	717	760	776	567	689	627
CEC	625	441	Bobrick, Irving	G	191	566	370	357	410	582	346	521	181
USAF	*113	*61	**Bodager, Bill Warren**	S	191	51	359	93	345	16	122	77	247
L	694	601	Boggs, Paul Raymond, Jr.	S	61	235	672	573	710	693	749	637	508
L	*72	*79	**Boh, Roger Milton, Jr.**	S	401	235	50	50	92	108	66	131	81
USAF	198	211	Bonner, M. Michael [3]	S	481	705	300	208	169	93	98	40	483
L	353	356	Bosley, Donald Britton	F	120	340	659	422	654	211	552	186	640
MC	388	327	Bott, Kenneth Andrew	G	191	18	506	485	568	542	613	293	668
L	681	641	Boughton, Alfred Clark, III	S	692	738	596	647	595	389	257	377	696
L	489	513	Bourne, William DeWayne	S	120	527	492	343	535	361	649	504	730
L	411	446	Boykin, Rhodes, Jr.	G	268	639	567	621	381	257	485	450	281
L	525	478	Brady, Robert Edward	S	120	399	629	551	506	549	185	494	411
L	542	457	Brajdich, Walter Joseph	P	1	399	283	459	466	475	539	491	601
USAF	195	198	Branch, Louis Edward	S	1	399	445	268	252	196	117	243	143
L	311	332	Brandfon, William Warren	F	407	340	653	344	345	446	584	319	113
L	208	236	Brandt, Carl Richard	G	339	399	101	252	193	172	126	237	210
MC	783	790	Brannon, Philip Clyde	S	786	777	738	766	625	780	707	759	782
tb L	775	783	Breaux, Charles Ballard, Jr.	F	769	689	629	784	765	775	673	790	514
L	316	347	Briggs, Edward Samuel	S	268	4	284	512	458	542	370	673	385
SC	232	210	Brooks, Glenn Sturgis	S	653	158	305	171	113	260	204	194	448
L	277	223	Broughton, William Raymond, Jr.	P	261	476	152	254	229	196	159	242	236
L	457	301	Brown, Coleman "T", Jr.	S	407	198	133	268	206	472	394	361	348
L	487	364	Brown, Ernest Bruce	S	1	718	438	290	167	366	422	403	170
L	658	631	Brown, Frank Porter, Jr.	F	471	276	629	627	645	635	681	573	736
L	664	641	Brown, James Bradley	P	120	51	104	642	668	648	618	789	722
MC	278	261	Brown, Ralph Herman	S	120	198	535	529	509	311	367	148	239
L	200	197	Brown, Robert Alan	G	481	132	381	267	282	196	372	108	536
SC	711	694	Brown, Robert Michael	P	191	604	475	709	747	621	645	682	684
CEC	339	447	Brown, Warren Flores	S	268	476	359	486	541	542	149	547	163
CEC	372	442	Brown, Wesley Anthony	G	339	604	231	243	230	493	364	480	596

[2] Name changed from Manuel Sanchez Bentin.

[3] Name changed from Matthew Michael Bonner.

Relative standing of the midshipmen of the graduating class (class of 1949), 791 members—Continued

Symbol (see p. 29)	Relative standing for completed course	Relative standing for last year of course	Name	Language studied	Relative standing for last year in— Conduct	Aptitude	Leadership	S. & N.	O. & G.	M. E.	Aviation	E. E.	E. H. & G.
L	359	334	Brummitt, Gerald Fuller	S	676	102	520	337	332	343	471	318	456
L	*2	*2	**Bryan, William Littell**	S	61	70	131	1	2	18	2	1	6
L	338	325	Bryant, Harry Foster, Jr	S	61	102	343	414	519	293	204	521	358
L	203	307	Buckingham, Winfred Leon	P	120	566	510	233	205	288	526	247	471
MC	536	358	Budge, William James	F	268	476	648	217	301	331	513	311	608
L	*42	*20	**Bulmer, Robert William**	F	1	235	13	5	19	53	12	100	25
L	280	213	Burk, Gerald Lee	S	120	527	333	424	121	253	149	153	147
L	507	499	Burke, John Frederick	P	1	158	390	693	645	522	581	595	347
L	244	247	Bush, Barksdale Alexander, Jr	G	630	235	395	258	183	240	191	176	462
L	473	467	Bushman, Herman Joseph, Jr	S	533	340	180	362	594	552	432	381	599
L	263	253	Butler, Dempsey, Jr	S	533	85	300	176	246	293	389	281	636
SC	*74	*73	**Butler, Herbert Fuller, Jr**	S	191	340	51	109	39	137	335	105	31
L	153	206	Butler, James Douglas	F	533	340	90	91	228	237	324	250	263
L	341	305	Butler, Kenneth LeRoy	F	191	70	621	274	428	522	567	291	497
L	446	507	Butler, Thomas Owen, Jr	F	407	476	167	427	454	578	387	542	551
L	419	353	Callaghan, William McCombe, Jr	S	1	399	390	298	358	343	588	392	483
SC	662	763	Campanile, John Julius	P	740	762	718	783	667	626	632	749	456
L	584	713	Campbell, David Osborne	G	630	718	567	680	585	707	530	627	656
L	364	374	Campbell, Donald Hugh	F	120	604	375	507	186	343	108	365	365
L	491	671	Capone, Lucien, Jr	F	630	639	605	719	592	652	342	603	483
L	707	709	Carmack, James Alfred, Jr	S	533	718	501	515	741	424	577	680	772
L	*92	*105	**Carpenter, Bruce Albert**	F	1	132	20	256	131	78	17	164	263
L	*46	*64	**Carpenter, James Wilbur**	S	481	527	101	33	25	3	195	18	321
L	233	251	Carr, Andrew Rembert	P	191	55	97	627	351	411	520	262	221
L	*109	*131	**Carr, Kenneth Monroe**	S	268	51	67	111	230	149	55	424	188
L	*79	*72	**Cartmill, Robert Hasbrouck**	F	607	132	359	80	166	105	262	35	74
L	369	340	Cartwright, John Philip	F	61	198	546	631	373	378	443	304	318
L	224	284	Carver, Edward Samuel	S	261	276	412	185	233	316	526	209	661
12	303	321	Cecchini, Albert Livio	F	481	738	664	310	243	67	165	119	582
USAF	726	764	Cecil, Charles Purcell, Jr	F	268	639	737	758	751	728	776	755	780
L	*102	*122	**Chambers, James Henry Leroy, Jr**	F	120	25	275	174	276	215	241	233	195
L	*120	165	**Chessman, Samuel Richard**	S	120	198	83	365	235	243	697	28	471
L	564	563	Chevalier, Edmond Andrew	S	407	340	412	617	502	578	503	687	343
L	684	690	Chote, Raymond Glen	P	61	235	713	743	705	658	463	758	715
L	170	223	Churchill, Louis Gillespie, Jr	F	607	399	327	206	115	343	221	244	75
L	*59	*63	**Clark, Glenwood, Jr**	P	1	158	79	25	99	21	273	97	434
USAF	520	537	Clark, John Robert, III	P	268	689	582	619	494	305	552	496	477
L	229	183	Clark, Robert Smith	P	407	340	252	117	115	135	84	279	336
L	413	456	Clark, Willard Huntington, Jr	S	725	639	510	270	514	215	432	206	700
L	599	531	Clarke, Horace Donald, Jr	S	533	670	672	502	466	557	588	326	442
L	305	285	Clarke, Wade Edward	S	191	476	412	88	224	119	319	556	365
L	*73	*90	**Claytor, Richard Anderson**	F	653	132	73	66	97	137	262	139	35
SC	675	648	Clement, Danforth	S	407	399	355	586	744	700	485	642	627
CEC	310	302	Clements, Neal Woodson	S	570	399	463	241	192	444	329	295	173
L	157	193	Clinite, Richard Cedric	P	61	10	639	296	499	293	520	344	277
L	479	525	Cluett, David Grenfell	F	61	399	668	542	375	502	449	465	741
L	*28	*24	**Cobb, Warrington Crane**	S	268	276	67	8	19	9	18	19	140
SC	249	296	Coburn, Anthony Brendan	S	607	340	390	221	359	208	453	250	425
L	347	363	Cohen, Albert Gleaves	R	339	235	370	283	509	243	361	432	640
L	544	632	Coldwell, William Michie	S	607	705	567	545	727	438	652	525	524
L	737	692	Collins, Leonor Loree	S	525	639	694	724	678	666	657	630	590
L	400	222	Collins, William David, Jr	S	339	476	330	363	113	390	77	273	27
CEC	444	557	Collins, William Leonard	S	268	604	231	352	550	605	714	574	530
L	575	530	Colvin, Oliver Dyer, Jr	S	339	604	629	559	289	672	300	560	203

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L	154	161	Colvin, Richard Ray	F	339	604	281	141	29	119	282	164	224
L	426	448	Congdon, Robert Newton	S	120	235	664	349	608	539	610	512	377
L	319	273	Conklin, Robert Wilfred	P	191	276	317	413	179	414	229	219	339
MC	335	282	Connors, James Joseph, Jr	P	339	85	61	387	392	343	277	438	318
tb L	660	618	Conover, Harvey, Jr	S	481	566	653	598	492	689	389	748	123
L	566	466	Cook, Karl Frederick	S	740	566	314	475	310	452	407	346	271
L	427	574	Coontz, Robert Joseph	S	120	566	738	633	542	707	466	546	224
L	199	163	Cooper, Alan Bogert	G	120	527	97	220	321	105	288	141	133
L	673	655	Cooper, Stanley Gibson	R	533	276	778	687	627	539	666	698	568
L	571	645	Cornett, Francis Edward	P	61	340	684	591	642	660	774	741	519
SC	577	550	Coryell, Rex Sherman	F	1	399	327	625	647	510	752	499	672
L	*37	*35	**Counts, Stanley Thomas**	S	533	55	23	30	44	172	36	87	57
L	294	190	Cox, Sidney Stuart	P	1	132	520	172	243	318	131	189	490
L	*22	*50	**Craig, Donald Earl**	R	268	340	95	23	88	81	15	55	43
L	588	583	Cruise, Edgar Allan, Jr	S	407	235	754	702	680	502	430	679	252
L	719	666	Culp, John Bell, Jr	F	481	604	605	674	700	684	375	588	519
SC	254	248	Culwell, Charles Louis	S	120	158	255	309	173	178	414	396	442
L	*16	*18	**Cummings, George William**	S	268	198	6	7	10	7	20	12	302
L	435	348	Curtin, Theodore Albert	F	481	158	423	144	392	446	179	670	180
L	192	241	Curtis, Stanley Walter, Jr	S	1	276	73	73	408	318	91	424	335
L	633	545	Dahlman, Donald Arthur	S	533	340	412	420	685	529	536	558	548
L	665	617	Dalrymple, John Marshall	S	61	276	412	703	719	699	577	710	263
CEC	150	173	D'Ambra, Rudolph Francis	F	607	276	133	84	111	178	387	131	449
SC	785	787	Daniel, Dorsey Wharton	S	766	768	687	777	782	779	782	779	634
L	476	544	Danis, John Farwell	F	261	158	747	612	697	594	655	401	693
L	349	322	Davis, Chester George	P	120	158	279	248	193	427	299	451	619
MC	515	514	Davis, Kelly James, Jr	P	1	276	497	561	440	512	558	655	568
L	240	263	Davis, Whittier Gale	S	653	718	262	121	162	305	131	118	173
SC	604	566	Dearing, Jimmy Pearce	S	268	689	731	459	430	564	743	413	567
L	288	314	Demyttenaere, Jules Henry	F	1	235	353	195	328	371	491	392	530
L	178	176	Dennis, Edwin Lamar, Jr	F	120	399	159	96	167	215	329	159	358
L	521	427	Derby, Lawrence Hedrick, Jr	P	191	85	639	394	426	397	397	594	677
MC	560	567	Devine, Lewis Hallett	P	734	689	87	345	469	560	170	534	377
SC	256	313	DiBenedetto, Charles	F	533	340	735	569	381	99	329	191	442
SC	509	543	Dickson, Holton Carroll, Jr	S	481	768	252	480	469	464	277	373	358
L	676	691	Dickson, James Douglas	F	607	689	304	530	532	672	714	610	752
L	736	765	Dickson, Joe Alex	S	339	566	786	645	779	770	790	776	745
L	*81	*40	**Dietrich, Edward Orr**	G	1	102	164	60	33	269	27	90	15
L	403	498	Dillman, Louis Walther	F	529	399	707	700	427	408	735	301	524
L	375	483	Dismukes, Horace Eugene	S	407	102	572	751	519	431	273	485	526
SC	227	382	Ditto, Chester Lee	S	725	102	577	310	605	339	491	346	343
L	*85	*54	**Dixon, John Curtis, Jr**	S	191	39	88	159	125	91	60	158	59
L	722	724	Dobbins, Stephen Arthur	F	740	670	577	652	680	552	618	665	727
L	*84	*99	**Dobson, John Frederick**	S	407	340	37	57	47	97	28	198	73
L	140	149	Doby, William Clifford	S	61	399	27	307	126	172	503	92	279
L	445	476	Docherty, John Francis, Jr	S	716	604	355	315	506	454	223	295	526
USAF	630	660	Dolan, John Thomas	P	607	639	744	531	619	464	605	473	774
L	495	404	Donahue, Harry Joseph	S	533	340	325	483	485	612	201	365	126
L	180	242	Donlon, John Michael	S	120	132	54	263	372	513	135	501	31
SC	262	385	Donoher, Thomas Joseph	S	61	340	449	507	257	594	288	460	149
L	231	255	Donovan, James Anthony	S	120	55	104	255	392	331	622	438	385
L	377	380	Dorenkamp, Kurt Francis	G	525	604	244	397	142	408	233	431	244
L	196	215	Dotson, William Cole	P	191	276	271	199	297	166	257	255	343
L	437	420	Douglass, Robert McIntyre	G	407	476	353	433	299	371	300	473	434

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L	545	607	Downes, Barton Miller	F	750	781	582	424	366	414	572	326	421
L	*38	*48	**Draim, John Emery**	F	339	132	186	103	22	50	135	76	70
L	553	527	Dreyer, Royce Carleton	F	339	604	731	653	638	232	685	419	514
L	171	200	Dughi, James Richard	P	339	276	423	90	115	154	64	286	551
L	499	560	Duke, William Eskridge, Jr	S	1	566	586	449	595	591	711	434	706
SC	137	*89	**Durham, James Elijah, Jr**	G	191	235	153	104	57	65	236	84	275
L	409	391	Duronio, Valerio "M"	S	481	399	268	328	585	343	449	278	572
13	580	623	Duvall, Gordon Grant	S	533	604	236	744	602	613	613	403	606
L	228	235	DuWaldt, Behrend Joseph	S	339	639	173	165	398	208	329	144	166
L	523	449	Dyer, Gerald Wesley	F	533	235	720	356	524	589	453	319	563
L	514	577	Eaton, William Tapley	F	676	738	726	466	474	533	562	309	396
MC	441	579	Ehel, Richard Charles	G	607	527	438	448	611	542	755	571	425
L	*93	*47	**Edmundson, James Edward**	S	61	235	305	37	62	63	4	117	35
L	*39	*31	**Edson, John Roger**	R	653	399	83	6	27	13	5	23	75
L	594	571	Edwards, Howard Rupert, Jr	P	407	566	621	579	524	509	466	588	471
L	133	*127	**Egan, Henry William**	R	191	10	45	324	203	334	185	149	365
L	342	477	Egerton, Montraville Walker, Jr	S	120	399	322	377	641	664	471	612	98
L	376	289	Ekelund, John Joseph	S	407	102	216	264	260	203	628	459	522
SC	618	615	Elichalt, Henry Donald	G	268	527	460	646	410	660	548	645	563
USAF	685	739	Ellis, Alston Ramsay	F	676	689	680	774	523	493	600	722	755
USAF	490	381	Ellis, Atlee Robert	S	337	55	532	486	560	414	634	473	471
L	587	624	Ellis, Richard Moore	S	627	718	212	699	260	689	418	336	627
L	220	294	Ellsworth, Presley Elmer, III	F	191	670	133	435	151	305	361	273	121
L	396	304	Emerson, Scott	S	570	102	460	462	377	318	657	235	385
SC	494	480	Emery, William Taft	S	339	670	472	472	373	310	381	365	656
L	484	486	English, Jack Lee	S	407	102	264	675	595	560	443	537	442
L	*110	*97	**Eustace, Robert Joseph**	F	481	476	63	224	121	53	98	24	99
L	452	415	Fallon, Merton Robert	S	481	70	702	575	655	390	250	471	415
L	414	278	Faricy, Robert Leo	S	339	85	171	551	509	383	381	240	295
L	*64	*117	**Fellowes, Robert Evans**	S	268	399	53	179	224	76	117	141	53
L	440	459	Fenlon, Leslie Knapp, Jr	S	407	566	305	599	328	618	213	572	44
13	646	738	Fenno, Eric Neil	F	630	399	711	660	715	727	735	734	775
L	291	154	Ferrero, James Vercelli, Jr	S	120	70	305	223	193	353	480	244	119
L	234	341	Fine, Stanley Sidney	R	692	566	450	194	381	375	56	306	157
L	713	611	Finlay, William Albert, Jr	S	61	276	723	517	542	639	761	712	608
USAF	299	405	Finnigan, Robert Emmett	S	725	738	639	377	359	141	537	71	582
L	524	536	Fishburn, John Eugene, III	S	120	235	656	604	570	660	485	721	115
SC	314	249	Fisher, George Donald, Jr	S	61	276	142	147	220	378	432	412	203
SC	552	629	Fishman, Horace Paul	F	120	768	534	656	563	487	476	503	538
L	583	672	Florence, George Donald	S	779	751	629	522	477	481	346	477	551
L	761	706	Florence, Philip Fort	S	570	639	650	690	662	716	761	675	497
USAF	461	558	Foley, Williams Massey	S	191	689	698	483	640	318	697	533	508
L	*112	*100	**Forbes, Henry Payne**	S	268	132	159	160	54	189	40	103	203
L	286	221	Foscato, Sydney Ellis, Jr	G	481	604	283	189	207	119	367	197	157
L	217	276	Foster, James Roger	S	1	55	126	353	509	353	338	399	493
L	128	*130	**Foster, John Beekman**	F	191	670	412	41	35	81	375	22	468
MC	267	155	Francis, Richard Haudiomont	S	601	276	672	285	66	135	355	95	202
L	757	747	Frazee, Joyce Marvin	S	598	604	463	773	769	760	634	630	706
L	500	559	Fredericks, Warren John	G	120	198	565	444	636	706	491	681	442
USAF	*87	*103	**Friend, John Chollar**	G	339	102	247	185	82	119	71	60	358
L	*90	*71	**Frost, Richard Alfred**	G	630	399	173	38	33	104	70	38	97
USAF	640	707	Frost, Richard Floyd	P	653	527	348	467	724	645	742	771	650
L	417	421	Fullinwider, Peter Lansing	S	339	235	513	477	410	475	432	558	252
USAF	498	590	Fulton, William McKinney	P	653	527	766	604	579	397	655	612	313

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L	554	616	Furrh, James Loftus, Jr.	S	407	399	538	662	663	720	495	588	321
L	219	383	Gairing, Donald Albert	G	61	158	78	383	557	315	584	560	519
L	360	418	Gardner, Channing	S	676	639	596	398	367	276	418	237	437
SC	639	502	Garibaldi, James Joseph	F	334	639	278	603	484	375	324	496	421
12	235	184	Garrison, Paul Adams	F	1	276	104	163	175	322	223	202	292
L	201	187	Gartland, John Patrick	F	61	198	255	631	81	269	375	253	37
SC	595	710	Gary, William Leo	S	692	785	527	532	585	594	673	453	680
L	*24	*57	**Gates, David Ewing**	F	61	399	293	96	101	41	57	37	66
L	635	515	Gauss, Matthew Johns, Jr.	S	676	399	605	357	535	522	322	538	411
L	790	781	Gewirz, Bernard Samuel	S	747	639	772	768	751	785	562	760	762
L	257	182	Ghormley, Ralph McDougall	F	191	198	12	346	269	582	105	219	8
USAF	517	482	Gibson, Norman Lawrence	R	570	566	368	545	131	431	370	574	374
tb SC	672	700	Gill, Thomas Michael	F	268	670	664	761	745	666	701	616	522
USAF	*48	*78	**Gillam, Max Lee, Jr.**	S	191	70	136	190	214	101	210	177	21
CEC	*56	*43	**Gilles, Stephen Alexander**	S	339	102	97	153	147	90	152	105	1
USAF	458	538	Gilliland, Robert Jordan	S	791	751	242	243	377	303	236	170	415
L	481	548	Glass, Beaumont, Jr.	G	630	777	264	521	334	457	476	399	224
L	124	140	Glass, Stephen Samuel	S	1	399	480	137	123	203	126	125	203
SC	166	254	Glassman, Ephraim Paul	S	691	566	95	130	288	366	23	217	134
L	*116	160	**Glendinning, Frank Shiland**	F	339	39	38	385	92	196	282	310	377
SC	563	552	Glickman, Richard	S	191	705	138	607	642	605	131	652	66
MC	380	258	Gober, James Richard	S	120	85	225	410	285	464	480	302	284
L	408	412	Goewey, William Irving	F	268	198	236	409	493	585	539	582	130
L	177	*127	**Goldberg, Milton Donald**	F	191	527	25	92	135	215	68	129	90
L	533	575	Goldman, Roy Edwin	F	783	768	529	437	334	531	548	246	155
L	610	578	Gollner, Joseph Henry	S	692	566	668	430	450	359	541	605	596
tb L	549	389	Goodacre, Russell Francis, Jr.	S	61	399	664	239	444	414	316	485	382
L	246	202	Goodman, Robert William	P	570	399	355	129	161	166	349	52	663
L	385	310	Goulburn, Franklin Percival, Jr.	G	120	102	317	496	622	265	443	329	393
MC	754	782	Grabowsky, Fred	F	786	785	786	677	647	672	685	699	761
USAF	586	523	Graham, Floyd William	G	407	718	682	607	215	371	530	340	582
L	*76	*91	**Grayson, Roy Ray**	S	61	198	117	121	118	77	32	63	425
L	238	352	Green, James Henry	F	751	639	480	120	303	482	379	218	109
L	147	139	Green, John William	R	268	132	153	349	211	183	83	269	27
L	271	342	Greene, John Lycurgus	S	339	158	588	340	390	408	201	443	339
L	567	568	Greenwood, Richard Glen	G	268	399	219	610	421	641	701	665	402
L	*100	170	**Greif, Stanley "J"**	G	533	527	195	277	182	177	407	19	276
L	398	379	Guild, Michael Brenon	G	268	527	694	164	295	211	342	248	777
L	462	422	Gunckel, David Lewis	S	339	235	588	489	533	542	201	438	313
MC	*15	*16	**Gunning, Thomas Ignatius**	F	61	70	3	3	104	36	113	49	95
L	*108	158	**Gussow, Milton**	F	334	566	480	106	71	131	482	155	183
L	131	147	Guthie, Douglas Burden	F	407	718	71	85	29	85	98	45	407
L	148	143	Guthrie, William Sherrod	S	601	340	384	206	65	157	52	155	107
SC	253	255	Haberthier, Jack Healy	S	120	639	463	204	289	126	397	230	284
SC	454	658	Haeske, Don Charles	G	407	777	219	581	675	569	676	231	755
L	*6	*9	**Haley, James Vernon**	R	1	18	32	11	13	101	3	80	12
SC	759	750	Haley, Richard Wright	S	191	762	450	697	717	736	726	738	669
MC	331	371	Hall, Wayne Leland	P	481	527	283	271	253	293	429	408	471
CEC	511	586	Hall, William Clifton	F	268	527	124	272	390	689	402	678	689
SC	160	220	Hall, William George	G	407	768	117	305	200	149	152	32	129
CEC	*18	*51	**Hamilton, Gordon Wayne**	R	481	198	212	94	48	12	300	25	123
L	450	492	Hamilton, William Henry, Jr.	S	705	340	501	374	630	285	428	419	660
L	143	213	Hammer, Theodore James, Jr.	G	191	399	327	333	208	113	610	61	617
L	207	271	Hanson, James William	R	407	399	463	197	302	316	262	282	230

Relative standing of the midshipmen of the graduating class (class of 1949), 791 members—Continued

Symbol (see p. 20)	Relative standing for completed course	Relative standing for last year of course	Name	Language studied	Relative standing for last year in— Conduct	Aptitude	Leadership	S. & N.	O. & G.	M. E.	Aviation	E. E.	E. D. & G.
MC	*89	*94	**Hardeman, Robert Taylor**	S	481	399	167	78	68	35	152	71	199
L	*14	*15	**Harding, Norton Drew, Jr.**	F	481	276	136	15	6	3	21	8	11
L	429	475	Harkness, William Newell, Jr.	F	475	340	501	461	400	289	459	478	718
ψ L	763	768	Harlan, Donald Michael	F	771	768	585	755	758	777	552	629	462
L	715	729	Harper, John Finlay, Jr.	P	407	158	586	729	756	605	701	780	783
L	363	370	Harris, William Luther, Jr.	S	533	718	305	389	293	189	402	110	636
L	247	268	Hary, Charles Philip, Jr.	G	533	566	450	150	417	131	349	192	365
L	608	522	Haskell, William Charles	S	268	25	546	504	697	626	746	707	551
USAF	710	605	Haughey, James Ross	P	766	705	47	687	250	534	407	485	271
SC	390	272	Hausold, Robert Paul	G	191	158	171	470	392	422	250	237	318
L	752	725	Hawley, Dale Allen	P	407	762	572	687	717	564	676	616	732
MC	638	670	Haynes, George Alfred Phillips	R	533	705	750	675	683	487	513	364	750
L	732	769	Helbig, Walter Lawrence, Jr.	S	783	785	520	740	712	655	758	622	572
L	557	570	Helmer, Dale Potter	S	407	604	686	357	365	707	485	457	627
L	789	788	Hemann, John William	R	779	751	487	764	787	764	707	787	736
L	449	376	Henderson, Donald	S	1	158	370	235	553	276	449	577	647
L	617	594	Hendrickson, Robert Clymer, Jr.	S	706	476	656	612	657	427	663	525	508
L	266	316	Hennekens, Robert Charles	G	61	399	529	536	439	515	236	248	75
L	*91	*112	**Henning, Harvey Sydney, Jr.**	S	570	527	195	67	53	126	135	84	94
MC	576	516	Hensler, Thomas Paul, Jr.	S	339	527	432	391	474	626	236	642	247
L	*70	*67	**Herbine, Frederick Wayne, Jr.**	S	268	399	58	74	57	11	98	93	119
MC	167	179	Hershner, Carlton Harry	F	1	18	275	300	289	363	310	177	606
L	574	509	Hesley, Frederick DeLong, Jr.	S	339	340	726	565	734	280	546	509	505
L	706	600	Hibbard, Francis Roger	P	481	604	317	615	573	431	625	586	636
L	669	633	Hickey, Charles Francis	S	61	276	381	424	708	736	613	735	631
L	540	581	Hiebert, Robert William	F	714	566	283	565	449	557	432	438	625
SC	470	377	Higgins, Everett Chipman	S	481	276	271	537	324	487	316	426	183
L	223	320	Hill, Jackson Dudley	P	120	738	546	127	236	232	262	434	103
MC	747	762	Hissom, Irven Arthur	G	740	604	748	736	663	757	657	768	647
L	386	491	Hodder, Joseph Esmond, Jr.	F	120	198	742	505	454	610	751	608	278
L	565	596	Hoff, William Eldridge	S	339	718	546	423	575	438	734	377	715
L	698	656	Hofford, John Labbee	S	653	705	173	550	583	576	375	716	312
SC	468	439	Hogan, Bernard Charles	G	268	339	480	430	463	243	541	596	517
L	*106	142	**Hoganson, John Henry**	G	339	276	111	277	198	110	223	67	358
L	*33	*68	**Hoover, Lloyd Nims**	F	339	85	180	106	239	60	146	39	214
MC	527	471	Hoppe, Henry, III	P	692	85	529	353	401	464	466	640	579
L	329	331	Horan, Frederick Geller	F	120	604	255	324	239	482	142	313	193
L	526	486	Horne, Robert Edward, Jr.	S	570	70	738	640	440	534	572	513	560
L	191	133	Hotchkiss, Charles Albert, II	F	525	198	17	248	82	293	131	269	14
L	*45	*45	**Howe, Charles Marvel**	P	339	102	180	22	139	36	335	32	188
USAF	598	526	Howe, John Proctor	S	481	340	785	511	670	482	632	588	166
SC	297	362	Huenerberg, John Christian, Jr.	G	268	476	567	162	303	243	364	419	676
L	212	195	Hughes, James Charles, Jr.	F	607	718	333	258	166	257	52	119	3
MC	365	300	Hunt, Robert Gordon, Jr.	S	191	102	333	409	431	431	600	413	149
USAF	420	657	Hurst, James Styer	S	734	783	783	434	405	700	176	201	538
L	248	275	Ince, Eugene St. Clair, Jr.	S	533	235	239	224	352	454	98	468	44
L	512	617	Inskeep, James Edward, Jr.	F	120	604	762	685	634	594	572	708	291
SC	735	684	Ivers, John Francis	S	653	751	513	635	734	578	743	409	619
USAF	*5	*5	**Iverson, Emmett Sylvester**	S	191	132	47	2	11	1	42	9	5
CEC	*98	*92	**Jackson, Louis Edwin Virden**	S	339	670	120	81	50	110	82	71	9
L	221	146	James, Robert Crawford	P	1	25	208	104	253	311	140	434	269
USAF	518	549	James, Robert Earl	S	191	527	676	412	660	338	537	632	625
L	556	598	James, Rodney Roach	F	268	604	214	731	515	652	338	554	377
USAF	*12	*25	**Janer, Richard**	F	268	527	47	43	3	3	8	12	79

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Symbol (see p. 29)	Relative standing for completed course	Relative standing for last year of course	Name	Language studied	Relative standing for last year in— Conduct	Aptitude	Leadership	S. & N.	O. & G.	M. E.	Aviation	E. E.	E. H. & G.
L	225	217	Jenks, Albert Leroy, Jr.	S	189	39	596	229	371	334	567	219	558
L	175	186	Jenks, Shepherd Martin	S	407	399	348	217	99	157	216	104	471
L	397	414	Jennison, Whitney	F	724	399	596	303	423	339	558	374	252
L	436	280	Jensen, John Edward	S	481	476	629	170	74	282	110	177	691
L	296	259	Jepson, John Arthur	F	120	527	419	86	175	305	91	346	354
L	352	349	Johnsen, Theodore Norman, Jr.	F	1	340	333	287	435	534	397	331	382
L	767	723	Johnson, Dallas DeSilva	R	61	198	542	741	754	707	663	771	767
MC	242	308	Johnson, John Merle, Jr.	G	339	639	602	235	178	189	172	262	456
MC	361	337	Jones, Charles Milton Cecil, Jr.	S	191	476	475	290	345	510	453	250	313
L	188	148	Jones, Gerald Robert	S	268	340	30	257	183	81	39	228	191
L	260	156	Jones, Herman Willoughby	S	1	10	542	265	556	162	338	298	365
L	301	303	Josephson, John Vernon	S	481	276	562	321	269	431	204	186	407
SC	122	*118	**Juncker, James Russell**	G	120	102	236	151	130	181	422	139	187
L	729	742	Kahn, Daniel Herbert	S	598	705	650	779	740	760	730	726	173
L	302	335	Kanevsky, Joseph Norman	G	722	718	2	153	416	119	191	390	134
SC	313	463	Kapp, George Harold	S	191	476	435	502	485	482	693	454	357
L	*62	*111	**Kastner, Thomas Mortimer**	P	607	399	73	158	37	170	10	119	40
L	272	265	Keays, Keatinge	P	191	276	625	284	369	253	300	213	397
L	318	419	Keihner, James Kenneth	F	61	738	562	562	274	208	685	317	267
MC	620	677	Kelley, MacLean	S	191	340	567	650	651	693	625	727	703
L	614	625	Kelly, Richard Wilbur	P	630	476	713	707	410	635	349	544	619
L	289	245	Kendrick, David Stanley	S	601	476	205	261	157	253	584	228	146
L	480	534	Kennedy, Richard Alfred, Jr.	F	339	639	384	565	454	353	267	465	684
L	134	157	Kennedy, Robert Warren	F	407	340	180	88	193	228	73	280	93
L	464	592	Kent, William Ralph, III	S	533	527	735	517	689	522	695	508	497
USAF	315	366	Kenyon, Jerry Russel	P	481	476	506	195	256	145	530	513	582
SC	346	396	Keppler, Robert Duane	S	339	276	90	554	294	487	233	485	331
L	130	141	Kileline, Thomas John	F	61	132	646	143	186	117	229	219	331
MC	573	599	Killeen, Calhoun John	G	339	132	293	682	700	573	628	728	494
L	496	667	Kindl, Herbert James	P	191	235	333	704	749	728	726	700	572
12	705	737	King, Archer Emmet, III	S	407	738	613	734	537	626	324	622	787
L	358	416	King, William Clark	G	61	604	749	230	590	261	676	574	140
L	666	665	Kinney, Clark Mills, Jr.	S	570	527	680	657	636	515	769	516	746
L	356	443	Kint, John Richard	S	191	55	395	621	485	655	567	642	218
L	602	606	Kirk, Gilbert John, Jr.	S	628	276	684	714	448	669	310	703	224
L	570	465	Kirkbride, Joseph Owen, Jr.	G	407	276	384	584	401	614	243	428	477
L	410	413	Klein, Peter Frederick	P	339	476	605	371	171	411	520	460	449
L	183	208	Klemm, Vernon Paul	G	61	198	191	246	317	196	310	219	425
L	730	643	Kling, George Malcolm	G	339	276	757	610	763	640	740	730	295
L	597	553	Kneale, James Edward	S	191	399	629	357	515	618	618	534	709
L	*9	*37	**Knetz, Wallace Joseph, Jr.**	F	268	102	173	62	40	6	98	57	224
USAF	579	635	Knoble, William Stanford	S	481	399	293	694	711	542	766	652	530
L	679	634	Knoizen, Arthur Kenneth	P	570	399	450	490	616	600	499	720	636
SC	603	593	Knudson, John Francis	S	339	781	653	581	468	383	641	355	477
L	506	392	Koach, John Henry	S	407	399	423	493	340	424	243	298	469
SC	537	430	Kocher, Edward Mitchell	P	61	276	35	560	239	621	267	657	203
L	485	528	Koehler, Philip Jerome	F	268	276	723	389	563	689	618	570	349
L	438	565	Kraus, Walter John	R	191	276	611	478	576	397	681	646	740
L	714	703	Krause, Stephen Robert	S	670	566	726	669	765	515	665	689	651
L	216	252	Kremidas, William Samuel	S	61	399	572	435	480	383	418	150	62
USAF	463	393	Kretschmer, Charles "G", III	S	120	340	156	551	369	587	223	551	82
MC	787	784	Krider, Robert Hardin	F	533	718	788	789	755	704	757	788	752
L	210	201	Krueger, Otto Earll	S	630	276	65	166	135	513	471	173	64
L	631	588	Kuhne, Robert George	S	407	399	744	523	558	515	711	579	631

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L	*54	*58	**Lake, Michael Kennedy**	S	481	527	81	34	18	27	87	42	88
L	*11	*6	**Lalor, William George, Jr**	S	191	5	22	18	24	31	9	81	17
L	333	185	Lamb, Chris Wilson	S	339	235	244	374	198	222	372	164	103
L	121	*87	**Landers, John Gregory**	P	1	102	18	35	159	261	37	255	82
CEC	718	744	Lang, Lemond DeKern [4]	G	481	768	629	664	683	718	752	685	640
SC	748	756	Lankenau, Roy Winfield	F	570	784	718	720	730	645	627	732	538
L	477	489	Lansill, John Scott, Jr	S	1	476	231	274	440	587	210	670	497
L	776	753	Larie, Paul Herbert	R	653	527	784	752	751	787	774	715	487
tb L	708	766	Larish, David Charles	S	481	705	602	673	775	724	596	778	767
L	*8	*12	**Larson, Norman Oscar**	F	1	102	61	9	25	13	86	15	55
L	146	*108	**Larson, Theodore James**	S	407	198	205	65	62	222	44	134	130
USAF	190	212	Latham, David Morgan	S	407	25	395	403	299	243	98	304	425
L	126	149	Lauderdale, Lloyd King	S	692	340	325	98	108	129	310	77	326
L	*86	*62	**Lawler, Robert Leo, Jr**	F	120	25	126	113	107	166	6	319	20
L	405	239	Lawler, William Gresham, Jr	F	339	399	205	273	204	232	172	170	393
MC	648	517	Lawrenee, Randlett Towns	S	607	566	348	537	315	390	596	610	313
L	*66	*49	**Lechleiter, Mark Bernard, Jr.**	P	339	198	186	101	52	93	135	57	9
L	323	443	Lechner, Thomas Fletcher	G	407	198	423	384	454	339	681	628	462
CEC	561	652	LeGros, Paul Greig	R	751	689	676	476	566	390	459	603	572
L	609	685	Leisure, Jack Raymond	F	61	639	498	677	677	614	669	703	668
USAF	321	323	Leslie, Gene Edward	F	598	55	421	564	269	311	565	265	670
SC	279	423	Levine, Alan Yale	R	630	476	370	471	357	276	379	566	173
L	*4	*10	**Leyerle, John Frank**	F	191	102	26	47	7	72	79	5	2
L	327	189	Lide, Theodore Ellis, Jr	F	61	102	83	176	282	237	23	449	284
L	636	521	Linder, James Benjamin	P	407	639	300	692	435	383	657	465	302
L	502	330	Lindsey, Wesley Elvin, Jr	F	630	5	682	234	551	542	495	507	434
USAF	686	547	Lindy, Alan Maurice	F	120	276	588	711	627	603	681	667	109
L	501	540	Linton, Thomas Densmore, Jr	S	1	198	445	537	461	643	673	673	538
L	626	503	Lister, Donald	S	606	276	463	456	450	591	250	501	572
L	503	542	Llewellyn, Hiram Peter [5]	S	268	399	510	469	647	573	558	557	497
USAF	394	368	Lochner, George Hughes	S	407	235	384	472	308	605	179	365	214
L	743	774	Logomasini, Joseph Harry	S	607	768	582	788	608	784	714	737	652
L	700	664	Longino, Hugh Ellen, Jr	S	407	476	715	520	724	552	459	566	781
L	245	218	Loudon, Donald Joseph	S	1	25	55	368	529	458	577	401	103
L	723	704	Lund, John Ditlev	G	570	527	746	648	631	702	605	765	483
L	387	398	Lynch, William Hanna	S	1	235	280	541	612	343	298	471	415
L	486	493	MacDonald, Clinton Donald	P	653	399	450	197	553	472	257	547	608
L	*83	*53	**Machell, Reginald Montague**	S	120	102	228	75	68	72	152	64	140
L	663	640	Magee, Jack Edmunds	S	61	566	375	641	453	687	541	738	497
L	622	651	Maguire, Edward Joseph, Jr	F	533	276	775	630	685	603	519	659	656
L	430	384	Mahoney, Timothy Raymond	F	570	566	565	292	340	311	128	319	456
L	629	746	Maier, Charles William, Jr	G	734	751	705	565	672	672	760	569	758
L	659	637	Majesky, John Edward	S	676	476	538	376	657	625	526	622	697
L	416	518	Mallard, John Boyd, Jr	F	268	639	707	465	499	446	414	530	365
L	*88	*123	**Maninger, Halford Ernest**	P	607	158	97	99	175	145	335	194	53
L	682	736	Manseau, Robert George	S	751	718	649	710	669	515	685	663	683
CEC	*77	*44	**Marquardt, Walter Ernest, Jr**	P	61	39	9	14	74	71	89	198	221
L	709	773	Marr, William Francis	S	759	705	456	765	693	723	634	743	765
L	*40	*19	**Martin, Charles Elliott**	S	61	70	406	24	62	27	33	30	113
L	*21	*14	**Martin, William Leicester, III**	F	407	55	317	36	9	34	1	81	13
L	716	698	Matheney, James Waters	S	778	476	694	746	678	589	414	625	449
SC	690	712	Maxwell, Robert Walter	S	630	566	671	437	634	621	747	744	769

[4] Name changed from Lemon DeKern Lang.

[5] Name changed from Hiram Pete Franklin Llewellyn.

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L	*103	*126	**Mayfield, Stanwix Greenville, III**	S	120	102	186	167	180	141	204	184	210
L	703	714	Mays, Charles Harder	S	339	566	766	577	728	614	671	641	789
L	657	648	McAnulty, Robert Moorman, Jr	S	670	566	742	704	537	591	443	463	667
L	627	564	McArthur, Kenneth Vincent	S	481	527	104	494	583	431	405	719	449
tb L	772	776	McArthur, Ralph Welburn	S	653	604	757	769	784	736	769	771	760
L	295	339	McBride, Jeremiah Rusk	S	191	639	219	308	298	215	123	260	619
L	156	234	McCabe, Gerry Medlar	F	61	276	343	132	326	157	160	355	402
tb MC	728	734	McCallum, Charles Phillip, Jr	S	676	604	395	742	741	685	669	757	548
L	731	786	McCoy, Elbert Julius	S	751	768	475	748	789	768	730	689	779
L	*32	*30	**McCoy, John Carver**	S	1	102	191	21	144	19	23	131	44
L	*104	*95	**McCreight, Major Israel, III**	F	61	158	264	48	86	228	91	177	82
L	152	176	McCullough, Carlos d'Arcy	G	268	14	395	415	324	325	262	209	321
L	431	305	McDonald, Ewing Raiford, Jr	R	61	235	79	182	350	339	195	490	508
USAF	226	333	McDonald, Irving Thomas, Jr	P	1	102	191	545	497	557	355	443	166
L	532	620	McDonald, Thomas Ely	F	731	527	532	591	608	732	346	555	188
MC	334	297	McElroy, Robert Lewis	S	120	132	348	289	303	334	223	381	581
SC	451	496	McEnearney, John Edward	S	630	235	639	596	734	446	730	413	267
L	422	451	McFarlane, William Doddridge, Jr	S	764	340	639	458	303	222	295	346	619
19	*Inc.*	*Inc.*	McFeaters, John Shaffer, Jr	F	1	566	*Inc.*	*Inc.*	*Inc.*	*Inc.*	*Inc.*	*Inc.*	*Inc.*
L	185	159	McGinnis, Thomas Patrick	S	120	476	180	151	147	100	96	155	440
L	389	287	McMurray, William Cooper	S	630	340	395	193	171	243	60	372	350
L	543	408	McQuilling, James Alexander	S	533	276	239	543	265	427	657	365	456
L	634	597	McQuiston, Edward Irwin, Jr	F	1	235	526	738	506	633	764	633	561
L	336	292	McTammany, John Alan	F	570	399	290	213	276	343	471	392	82
L	650	591	McVoy, James Leonard	G	690	158	432	638	579	560	721	655	487
L	139	250	Meanix, William Henry, Jr	G	692	777	195	246	129	183	108	75	52
L	725	745	Mello, Gilbert David	P	653	399	689	754	763	693	778	693	747
12	712	603	Meloy, Charles Furlong	S	473	132	679	618	655	655	503	565	727
L	287	262	Mergl, Richard Anton [6]	S	481	476	577	94	165	231	60	363	365
L	559	532	Merrill, Warren Howard	S	61	340	283	532	303	633	610	687	425
L	758	722	Messenger, Frank, III	S	481	689	750	733	734	728	541	736	304
L	373	406	Messere, Edward James	P	481	340	375	213	559	585	243	150	736
L	261	353	Metcalf, John Trumbull, Jr	F	601	198	646	295	482	162	418	418	551
L	252	257	Meyer, Harry Berks	G	481	276	330	258	84	101	175	268	712
L	*101	*106	**Meyrick, Charles Walter**	S	120	340	30	182	70	65	107	88	284
L	692	730	Middleton, John Davidson	S	339	689	195	766	708	711	530	750	608
L	727	686	Mikles, Arthur Henry [7]	S	191	718	268	496	732	556	766	649	726
SC	*47	*64	**Miller, Burton Joseph**	S	1	158	43	52	123	63	541	205	23
L	317	425	Miller, Conrad Cope, Jr	G	268	527	364	444	352	498	584	564	88
L	158	134	Miller, Edmund Anderson	S	651	527	445	121	104	74	75	47	279
L	742	752	Miller, Gerlous Ganes, Jr	S	789	738	656	585	689	569	666	588	754
L	671	731	Miller, John Randolph	S	747	705	375	604	627	693	724	607	749
USAF	276	409	Miller, Louis Vincent	G	120	762	475	203	472	165	710	385	239
L	378	445	Miller, Raymond Lee	G	268	476	343	279	392	390	361	448	714
L	293	286	Minter, Robert Octavius, Jr	F	407	198	153	173	392	144	322	403	640
L	214	191	Moffett, George Lear, Jr	S	268	399	120	115	315	183	73	255	252
L	351	458	Mohrhardt, Robair Ferris	S	785	639	247	323	208	275	552	283	385
L	613	687	Mollison, Oliver Spencer	S	653	738	588	638	472	594	562	646	563
L	645	433	Moore, Lundi Addison	P	749	670	273	319	220	334	110	346	313
L	*26	*81	**Moore, Robert Sheppard**	F	676	639	27	50	16	8	77	27	195
L	701	679	Morency, Alfred James	G	533	785	527	514	537	664	319	260	763
L	*25	*80	**Morgan, George Emir, Jr**	G	607	670	10	17	15	57	15	32	239

[6] Name changed from Richard Mergl.

[7] Name changed from Arthur Henry Miksovsky.

Relative standing of the midshipmen of the graduating class (class of 1949), 791 members—Continued

Symbol (see p. 29)	Relative standing for completed course	Relative standing for last year of course	Name	Language studied	Relative standing for last year in— Conduct	Aptitude	Leadership	S. & N.	O. & G.	M. E.	Aviation	E. E.	E. H. & G.
12	478	541	Morgan, Hal McNamee	S	407	670	395	480	406	427	592	282	763
L	182	162	Morgan, Harry Wayne, Jr	R	268	70	109	248	186	300	349	324	116
USAF	548	488	Morrison, Joseph Richard	S	265	340	705	500	553	293	693	483	663
USAF	624	662	Mulkey, Reed Claiborne	S	407	718	429	570	519	660	233	540	708
USAF	585	576	Murphy, Brian Patrick	F	751	689	419	379	469	600	277	403	354
L	298	209	Murphy, James Francis	S	268	276	475	232	220	126	310	146	551
SC	308	280	Murphy, Ralph Frederick, Jr	G	407	158	208	415	248	285	140	326	415
L	*97	*113	**Murray, James Daniel, Jr**	S	120	276	390	176	146	85	329	54	231
L	328	378	Myers, William Albert, III	G	407	102	343	596	417	422	495	468	304
L	628	646	Nadig, Donald Arthur	S	759	670	559	380	585	487	634	516	673
MC	145	137	Needham, Robert Clay	F	268	476	112	298	92	108	128	162	70
L	264	225	Neely, Guy Morton, Jr	S	339	399	34	274	275	131	596	206	295
L	418	454	Nelson, Andrew Gibson	S	725	566	81	516	616	564	185	524	4
L	284	151	Nelson, Philip Stuart	S	61	102	73	156	334	353	204	306	55
L	*65	*42	**Nelson, Robert Henry**	F	1	85	86	61	126	40	123	57	214
USAF	370	407	Nemzek, Thomas Alexander	S	607	158	494	281	495	438	453	392	608
L	600	573	Nicholson, Meredith Wayne	S	339	689	395	642	485	648	300	479	282
L	*1	*1	**Noel, Lionel MacLean**	G	268	5	8	27	4	2	18	2	44
L	*115	194	**Norman Calvin Carl**	S	268	340	538	224	151	203	44	202	270
L	193	180	Norman, George Lloyd, Jr	S	268	235	247	72	239	196	50	259	376
L	*67	*39	**Norris, William Joseph**	S	61	55	5	136	57	74	28	70	260
L	788	785	Norton, Curtis Ralph, Jr	P	734	718	773	785	774	758	772	762	732
MC	750	755	O'Connell, Edward Joseph, Jr	F	481	476	757	772	738	766	766	777	603
MC	337	472	O'Connell, Lawrence Gregory, Jr	G	714	604	602	586	614	501	634	213	116
L	605	524	Oesterreicher, John Anton	S	692	639	217	410	545	529	432	541	155
L	674	650	O'Flaherty, William Anderson	S	120	604	409	704	593	605	548	588	678
L	371	191	O'Keefe, Patrick Gordon	G	61	85	225	452	238	232	342	288	203
L	606	639	Ooghe, Robert Barksdale	G	339	705	480	762	675	594	476	608	102
L	753	693	Ostlund, John Chapman	S	570	102	691	672	733	736	552	728	742
L	*23	*38	**Otth, Edward John, Jr**	S	672	340	159	13	8	44	71	49	18
L	*105	*84	Ousterhout, Dean Turner	P	268	158	305	81	35	47	216	83	449
L	704	680	Owens, Andrew Jenkins	F	401	340	501	659	604	778	779	746	288
L	306	264	Page, Edward Wheatley	F	403	25	348	224	311	305	216	437	670
L	125	*121	**Page, James Richard**	S	120	198	650	156	147	110	216	15	582
L	135	203	Palazzolo, Anthony Louis	S	407	85	255	357	359	145	520	473	39
L	764	748	Palmer, Courtland Arnold, Jr	F	475	276	777	715	747	790	721	763	624
SC	340	355	Pantle, Donald Clyde	G	120	670	20	629	260	222	117	314	365
L	644	715	Parker, Howard Bauceum, Jr	P	692	604	588	667	542	765	748	620	666
SC	243	227	Parker, Sumner	S	120	399	208	191	379	33	195	355	402
L	744	720	Parr, Warren Sherman, Jr	S	716	527	752	679	651	658	676	714	680
MC	421	495	Parsons, Tom Davie	P	734	158	616	498	438	569	641	585	134
L	504	464	Patton, James Eugene	S	1	198	480	317	502	438	157	605	729
L	465	520	Paul, Milton Owen	S	481	604	659	619	248	479	738	352	596
MC	218	279	Peard, Roger Wood, Jr	S	339	70	596	331	524	215	324	491	224
L	647	659	Perkins, John Hamilton, Jr	S	676	476	423	732	602	687	499	581	466
USAF	756	748	Peters, John Charles	G	533	235	765	780	771	782	701	716	633
L	138	135	Peterson, Richard John	S	709	158	639	55	258	36	229	65	516
L	768	758	Peterson, William Calhoun	S	532	340	774	736	777	732	777	766	765
MC	780	770	Peterson, Willard Stanley	G	407	639	438	746	762	755	784	785	748
L	241	201	Phares, Malcolm Eugene	F	533	39	173	505	258	414	381	168	239
L	619	683	Piazza, Thomas Joseph	S	120	399	165	663	660	746	787	754	538
h SC	774	760	Pillsbury, Eugene Hundley	F	267	399	723	775	780	786	733	783	558
L	541	535	Plank, Richard Brearley	F	407	235	520	293	600	643	622	596	600
L	144	153	Porter, Kenneth Albert	G	481	340	225	188	138	105	117	159	247

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tb L	702	741	Potteiger, Robert Samuel	S	339	689	322	601	749	732	685	768	711
L	392	504	Potter, William Wesley	S	751	340	672	437	334	502	513	427	415
L	641	675	Potts, Bobby Lee	P	692	604	698	700	716	534	726	542	530
L	771	771	Pratt, Edwin Seymour	S	764	738	577	782	770	718	634	491	776
USAF	550	501	Purnell, Harry Orvil	F	119	276	395	651	435	475	389	637	469
L	187	166	Pyles, Lee Stuart	G	339	235	7	532	44	363	165	168	64
CEC	290	436	Quillen, Claude James, Jr.	F	570	639	670	580	191	353	282	184	608
SC	*118	*114	**Rabinowitz, Joel**	R	481	198	73	100	108	411	68	163	157
L	197	240	Rakes, Calvin Eugene	S	61	340	339	235	319	154	449	89	717
L	508	390	Ramsey, Lee McComas	S	268	399	538	558	326	502	394	136	649
L	516	497	Ratliff, William Murray	P	1	566	283	537	321	711	204	385	529
L	184	163	Rawsthorne, Edgar Arthur	S	716	70	395	211	226	93	113	267	181
L	522	451	Read, William Gordon, Jr.	S	533	399	355	401	332	672	250	371	382
L	300	260	Read, William Lawrence	G	570	158	487	346	428	353	389	136	311
L	739	718	Reddick, James Peter, Jr.	S	725	527	219	750	778	724	507	750	173
L	*13	*21	**Reid, Charles Eckford, Jr.**	G	268	55	41	58	90	57	65	52	19
L	270	351	Reiher, Eugene Joseph	S	407	70	779	215	404	192	282	562	687
SC	174	226	Reiss, Robert Raymond	F	61	276	535	231	215	251	649	233	239
SC	786	789	Rensberger, Lee Orville	S	630	762	629	787	786	748	756	775	790
L	*60	*52	**Rice, David Reagan**	S	191	158	147	59	74	70	88	41	139
SC	696	621	Ridenour, Richard Wolfe	P	607	689	691	562	537	498	600	516	582
MC	582	561	Riegert, Theophil Paul	G	407	132	364	517	569	693	645	718	375
SC	391	410	Riger, Robert John	S	268	132	342	590	529	635	288	456	210
L	*41	*41	**Rigsbee, John Taylor**	S	61	276	122	148	48	20	57	97	15
SC	448	437	Riley, Philip Thomas	S	709	399	688	394	421	424	443	428	163
MC	530	512	Ringwood, Thomas Edward, Jr.	F	61	399	629	716	444	722	355	311	397
L	632	485	Ripley, Robert Kenyon	R	120	276	228	698	524	672	295	601	90
L	*29	*46	**Risser, James Bruce**	R	1	158	109	281	60	50	13	74	27
SC	568	462	Roberts, Calvin Watkins	F	339	340	429	554	463	498	577	422	487
L	693	696	Roberts, Gerald Grey	F	533	566	438	755	653	635	789	761	198
SC	250	230	Roenigk, Ivan Leo	F	120	476	460	348	352	211	407	122	192
L	*53	*27	**Rogers, Thomas Monroe**	S	1	399	90	30	5	25	123	28	49
tb USAF	688	726	Roland, Frank Orlando, Jr.	S	709	604	663	759	723	645	771	705	425
L	*55	*83	**Roman, Paul Douglas**	P	676	55	138	119	131	57	324	141	92
L	161	178	Romley, Richard Mansfield	F	268	235	159	125	135	154	163	275	397
SC	661	628	Roos, William Topkis	S	630	738	625	437	560	458	513	596	508
L	492	554	Rowe, Robert Evans	P	761	639	555	317	509	383	509	549	331
MC	724	682	Ruggieri, Archie Raymond, Jr.	F	61	102	395	778	757	717	588	764	538
L	558	508	Rupe, Jack Wilbur	S	268	527	555	492	585	454	482	352	690
L	678	676	Russ, William Hardy, III	P	716	476	542	523	704	621	701	612	705
L	424	423	Rutledge, William Nunez	S	481	276	13	509	265	482	407	563	393
L	*71	*86	**Sacarob, Merwin**	S	268	399	173	70	104	45	42	127	82
L	*57	*60	**Sagerholm, Frithiof Norris, Jr.**	F	1	132	38	87	54	145	13	202	22
L	762	711	Sain, Frank Clinton	S	533	276	588	658	729	768	720	750	634
tb L	460	473	Salomon, Robert Jess	S	268	639	456	408	215	402	652	344	687
L	155	*115	**Sample, Wilbur Harry**	G	1	39	191	137	102	172	288	262	385
L	312	325	Sanders, Ernest Duke	P	716	158	370	371	243	152	530	213	693
SC	455	344	Sandkuhler, William, Jr.	S	120	276	138	616	265	414	273	480	134
L	510	611	Sandlin, William Clinton, Jr.	S	788	566	754	500	340	397	509	377	654
L	745	772	Saraceni, Peter Julius	F	630	566	768	776	767	736	565	731	788
L	*80	*109	**Sarris, Peter John**	S	191	198	368	68	95	78	191	123	292
L	*61	*85	**Sawtelle, William Jobse**	S	191	604	333	29	50	23	41	69	263
tb L	546	546	Schaeffer, Valentine Hixson, Jr.	F	771	527	305	499	289	366	499	306	725
L	141	168	Schaufelberger, Albert Arthur, Jr.	S	268	158	381	326	440	269	513	138	42

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MC	325	318	Schiweck, Kenneth Wolfgang	G	1	14	438	429	695	475	216	525	381
L	136	238	Schlosser, Frank Palmer	G	1	340	498	160	279	129	407	376	304
L	354	372	Schmidt, Donald Ray	P	61	340	716	366	321	352	495	509	244
MC	213	171	Schneider, Merlin Frederick, Jr.	S	268	158	56	326	79	243	89	291	186
L	*50	*104	**Schniebolk, Bernard**	F	533	738	58	27	38	48	79	44	79
L	395	470	Schoos, Paul Leo	P	120	235	359	575	642	669	520	523	149
L	668	716	Schriefer, Walter Albert	G	652	476	711	712	761	754	741	658	582
L	781	717	Schuchart, George Sprague	S	475	476	754	728	670	750	707	636	743
L	*10	*25	**Schuman, Elliott Paul**	S	1	198	35	40	28	41	91	30	69
L	649	669	Scott, James Hernandez	S	475	340	776	557	579	752	680	669	640
L	653	708	Scoville, Jack	P	725	604	698	467	785	668	714	637	508
L	456	360	Sebenius, Carl Harald, Jr.	G	481	235	359	543	269	322	507	174	713
L	*119	174	**Seelye, Thomas Taylor, Jr.**	G	120	340	494	126	218	151	176	174	304
L	350	450	Semeraro, Angelo Patrick	S	191	566	293	486	605	458	526	516	134
L	601	668	Serrille, Louis Matthew	R	779	566	456	602	502	618	749	582	421
L	404	365	Seth, Richard Henry	S	61	276	268	364	345	363	381	504	461
L	309	399	Shacklett, Harry Ernest	G	626	705	67	310	180	269	459	335	385
L	483	556	Shanhouse, William Miller	F	779	785	317	335	319	285	146	182	538
L	332	435	Shapiro, Sumner	G	1	276	702	340	431	671	503	460	326
L	652	695	Shea, Lewis Anthony, Jr.	S	471	276	694	725	719	711	466	708	691
L	393	455	Shealy, Oscar Cleveland, Jr.	F	570	527	186	661	367	444	210	422	252
L	720	732	Shepard, Byron Martin	F	676	476	463	696	743	390	780	747	786
MC	443	366	Sheppe, Richard Waring	F	570	276	513	404	285	610	221	468	58
L	447	357	Sherman, Frank Edwin	P	191	604	554	314	381	293	329	300	402
L	434	338	Shine, Eugene Francis, Jr.	F	191	198	33	472	423	549	179	385	260
USAF	322	317	Shirley, Harold James	S	569	566	300	248	447	240	509	225	304
L	239	288	Short, Earl Richard	S	191	476	406	316	381	172	165	316	295
USAF	740	751	Sieck, John Perry	P	776	476	726	670	772	632	737	740	703
SC	738	705	Simcich, Alfred Frederick	P	570	566	780	771	691	693	783	544	526
12	202	506	Singleton, Rodric Montgomery, Jr.	S	709	476	409	491	227	479	645	390	640
L	168	*75	**Siri, George Lawrence, Jr.**	S	61	18	290	180	183	222	300	111	147
L	164	219	Sivinski, Robert Eugene	P	607	340	625	132	98	178	364	100	654
L	535	343	Skomsky, Stephen Alexander	F	191	399	676	339	334	325	267	265	551
L	355	474	Smith, Carl Ray, Jr.	S	268	276	609	417	663	431	349	385	680
SC	453	358	Smith, Charles McKinley	S	629	399	208	478	595	203	243	237	494
L	412	468	Smith, Charles Ross, Jr.	P	732	70	572	444	444	396	267	552	659
L	*20	*11	**Smith, Donald Asa**	G	191	39	1	18	32	16	57	14	123
12	699	727	Smith, Earl William, Jr.	S	770	689	611	600	619	732	657	700	358
L	176	244	Smith, Frederic Walton	R	61	198	601	330	477	265	157	457	30
L	132	*102	**Smith, Gerald Francis**	S	481	25	159	124	86	222	44	189	244
L	206	152	Smith, Homer Leroy	S	61	198	247	420	157	93	250	126	321
L	531	388	Smith, James Herbert Basil	S	268	399	492	387	265	522	267	445	252
L	282	298	Smith, Paul Edwin	S	676	670	67	174	359	280	432	277	66
L	513	505	Smith, Robert Foley, Jr.	S	191	604	616	589	331	564	697	454	326
L	466	585	Smith, Robert Luther	P	191	340	585	464	615	487	605	538	770
L	382	428	Smith, Robert McKillop	F	481	340	195	549	295	446	250	566	252
L	596	511	Smith, Wayne Douglas	F	708	566	195	405	285	464	267	664	231
L	746	733	Snodgrass, Cornelius Stribling, Jr.	F	533	527	613	721	672	783	641	767	411
L	281	233	Somerville, William Horace	S	268	276	438	215	111	192	179	193	508
MC	547	587	Speckart, Eugene Otto	F	709	476	456	417	570	464	491	534	684
USAF	181	144	Spencer, Robert Mahonri	S	533	198	147	240	90	196	402	107	247
L	330	309	Spielmann, Felix Sylvester	S	407	527	472	185	311	230	223	177	675
L	778	780	Sprague, David Hayes	S	762	566	716	763	738	788	780	771	697
L	204	350	Sprague, Edgerton Ten Eyck	S	339	55	480	355	474	251	546	411	735
MC	442	393	Stalnecker, Carl Meredith	S	407	340	613	303	431	361	724	365	440

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L	*7	*4	**Stanfill, Dennis Carothers**	P	1	2	115	12	23	68	44	21	40
L	615	661	Stapleton, Walter Donald	S	407	670	546	442	685	502	582	649	724
L	*43	*36	**Stegemerten, Leland Richard**	F	403	55	13	20	71	69	63	100	218
MC	697	719	Stephenson, Paul Francis	P	570	718	621	405	700	551	718	693	773
MC	173	136	Stewart, Allan MacLeod	G	265	158	283	167	200	113	117	253	157
USAF	402	674	Stewart, Gordon Graham	R	771	670	757	443	601	300	733	677	530
L	733	678	Stewart, Robert Earl	S	407	604	546	694	691	770	372	635	339
L	551	601	Stiles, Charles Lawrence	F	692	670	520	526	576	569	697	343	590
L	344	269	Still, Donnell Moody	F	339	235	63	430	230	343	113	276	337
L	459	572	Stoddard, Clarence William, Jr	S	653	476	384	670	534	681	397	383	415
L	651	614	Stone, George Boyd	S	475	235	230	452	650	672	249	782	295
L	*49	*59	**Stringfellow, Reid**	G	268	102	180	108	147	49	44	111	63
L	265	328	Stromberg, Herman Arthur, Jr	G	191	132	262	682	164	458	152	430	221
SC	469	479	Stuart, Howard Malcolm, Jr	S	570	670	423	462	605	325	338	452	236
L	539	510	Stubstad, James Alfred	S	740	639	781	329	401	375	628	284	491
L	*51	*28	**Stutt, William Chapman**	F	261	18	157	131	95	43	110	25	170
L	590	673	Suhr, Phillip Byrd	S	120	738	720	595	726	652	463	552	579
L	592	604	Sullivan, John Humphrey	G	766	51	252	726	631	626	282	670	491
L	734	702	Sumner, George Wilson, Jr	S	481	340	769	666	707	704	701	696	723
L	149	*125	**Swanson, Charles Oscar**	S	120	85	487	134	173	192	432	109	331
L	367	311	Swanson, Peter Scott	S	568	235	165	402	340	472	476	209	304
L	129	199	Swecker, Claude Eugene, Jr	G	191	340	219	68	279	192	282	302	247
L	324	386	Sweitzer, Harry Frederick, Jr	S	191	340	421	456	398	322	499	333	590
L	151	196	Synhorst, Gerald Emmet	G	751	705	409	77	156	27	277	36	350
SC	779	775	Tapp, James Garner	S	407	566	535	749	787	770	666	770	785
MC	505	529	Taylor, Joseph Zachary	F	762	476	275	571	359	276	592	668	183
L	222	345	Taylor, Richard William	S	776	85	616	535	359	378	195	294	109
L	607	461	Thiele, Malcolm Hobart	G	191	670	513	523	477	397	381	549	99
L	591	606	Thom, Philip Howard, Jr	S	570	689	609	626	631	378	671	446	608
L	255	283	Thomas, Wallace Jerome	S	630	399	56	331	200	325	195	329	126
L	326	277	Thomson, Alexander Dingwall	F	191	85	142	510	380	464	300	324	231
L	670	699	Thurber, Harry Raymond, Jr	S	692	235	762	614	635	746	548	723	693
SC	189	188	Tift, Thomas Willingham, Jr	S	1	18	290	437	352	370	243	226	397
L	432	619	Tinkham, John Alfred	F	740	751	219	319	522	493	721	432	563
L	555	584	Tipton, Harold Forrest, Jr	P	473	639	314	427	579	527	241	625	548
L	683	608	Titus, Robert William	S	339	399	762	721	663	626	558	600	252
L	425	401	Tolbert, Robert Red	S	191	132	562	396	623	438	509	403	538
tb MC	667	626	Townsend, Jack Eryl	F	268	158	546	591	576	576	685	781	572
L	*96	*69	**Train, Harry DePue, II**	S	191	39	23	117	74	113	31	134	437
L	165	*132	**Troescher, Fred, Jr**	S	1	102	51	101	119	91	349	269	507
CEC	274	291	Trueblood, Donald Richard	S	525	132	242	266	423	325	165	360	425
MC	519	595	Turner, Kenneth Edward	R	339	340	625	665	515	714	257	612	425
CEC	258	237	Tweel, Roger George	P	407	399	339	112	193	152	273	198	602
L	589	395	Twilla, John Kenneth	S	481	476	330	417	269	383	342	334	517
L	749	688	Vail, Clinton Robert	F	339	399	559	636	572	702	592	702	755
L	593	533	Valencia, Wallace	S	61	276	542	573	458	748	592	582	295
L	765	743	Venable, Jack Donald	F	191	132	616	745	783	781	645	756	770
L	162	167	Venning, Elias, Jr	P	191	10	122	242	491	243	513	495	103
SC	169	*127	**Vice, John Hancock**	F	1	198	142	201	211	166	135	183	82
L	766	754	Vladessa, Philip	R	407	399	790	770	719	720	600	705	784
L	*44	*56	**Vogele, William Albert**	R	339	476	186	44	17	52	105	17	121
L	*69	*107	**Vogt, Leonard Frederick, Jr**	S	407	276	501	70	282	27	113	94	149
L	163	204	Volz, Robert Leslie	F	531	718	235	128	111	183	257	123	99
L	366	397	Vosseler, Warren Paul	G	630	718	314	391	233	237	213	331	203
L	*35	*66	**Walker, John Robert**	G	188	276	195	78	60	62	149	42	149

Relative standing of the midshipmen of the graduating class (class of 1949), 791 members—Continued

Symbol (see p. 29)	Relative standing for completed course	Relative standing for last year of course	Name	Language studied	Relative standing for last year in— Conduct	Aptitude	Leadership	S. & N.	O. & G.	M. E.	Aviation	E. E.	E. H. & G.
L	*114	*120	**Walker, Joseph Keith**	S	407	527	126	115	145	170	355	51	59
USAF	123	*124	**Wall, Orlando Albert**	G	120	39	702	228	131	215	430	9	709
USAF	528	484	Wallace, Jay Raymond	P	1	85	472	556	485	402	310	682	719
L	*75	*76	**Waller, Edward Carson, III**	F	1	198	281	45	139	119	316	77	173
MC	656	654	Waller, Littleton Waller Tazewell, II	F	630	399	138	707	759	600	613	659	402
L	534	582	Walters, Robert Levi	P	605	235	506	351	515	682	622	697	477
L	*3	*3	**Walters, Thomas Joseph**	S	61	39	3	4	1	36	6	9	7
L	*36	*101	**Wamsley, John Alfred**	S	1	718	126	32	43	45	179	95	75
L	654	697	Ward, Frank Watson, III	S	191	790	463	713	574	736	685	516	195
L	362	315	Watkins, Frank Thomas, Jr	S	268	102	406	452	389	137	558	383	640
L	127	*119	**Watkins, James David**	F	339	132	375	217	102	119	453	130	109
SC	304	267	Way, James Bernard, Jr	S	120	235	29	285	246	378	300	446	193
USAF	209	145	Weaver, Robert Bullard	S	339	399	88	209	153	211	66	170	70
L	*30	*29	**Webber, James Hamilton**	P	675	276	113	10	21	24	35	3	95
L	292	209	Weir, William Donald	S	339	39	247	252	560	452	482	596	163
MC	237	228	Wentworth, William	S	407	235	239	137	311	261	295	352	144
MC	562	440	West, Richard Harley	S	120	476	438	405	452	502	179	338	673
USAF	251	373	White, Cyril Robert	S	407	670	588	371	465	264	389	235	301
L	721	663	White, Henry Charles	P	653	476	435	591	590	724	634	652	538
USAF	399	460	White, Robert Lewis	S	607	639	90	494	417	563	414	355	199
L	471	400	Whiteside, Richard Edwin	F	607	476	147	607	499	458	485	154	407
MC	643	653	Whiting, Charles Segar	S	529	276	498	735	545	743	600	676	353
USAF	285	295	Whittier, Ralph Dudley	S	481	132	113	334	524	573	191	385	59
tb L	784	778	Whittlesey, Barry Dean	S	673	527	445	781	781	773	695	784	732
L	374	329	Wielki, Eugene John	P	1	639	343	167	119	253	355	398	604
L	205	172	Wilder, Fred Jennings	S	533	399	293	261	108	203	30	116	210
L	655	636	Williams, Edwin Earl	S	191	476	435	654	694	648	567	646	608
L	273	136	Williams, Ralph Pete	S	120	2	255	153	220	331	432	413	385
USAF	230	216	Wilmoth, Evert Dale	S	407	198	513	296	431	269	148	97	365
L	538	375	Wilson, Carl Burney	F	406	399	255	367	375	269	422	346	568
L	472	434	Wilson, James Creighton	S	191	158	513	391	415	407	582	578	595
SC	717	681	Wilson, John Caldwell	F	339	276	293	757	625	672	552	742	665
L	159	175	Wilson, Ralph Ensign, Jr	G	407	670	117	56	141	97	250	90	482
L	623	580	Wilson, Russell Franklin	P	339	340	412	571	612	759	605	580	238
USAF	407	293	Wisherd, Robert Bidle	F	1	25	170	634	505	402	405	530	173
CEC	497	346	Wittschiebe, Donald William	S	740	276	555	245	545	292	652	188	292
L	621	562	Wolford, Richard Stephen	P	733	526	450	526	529	641	288	480	304
L	186	169	Wood, George Pierce, Jr	P	191	70	195	191	190	402	174	255	231
L	379	453	Wood, Thomas Barkley, Jr.[8]	S	692	399	513	338	746	181	471	374	503
L	415	403	Woodard, David Jackson	S	734	604	71	336	311	414	300	340	144
L	611	627	Woods, Edwin Elmore, Jr	S	673	85	761	655	659	728	761	620	494
MC	637	589	Woods, Harry Dale	S	481	276	305	444	481	672	530	506	759
L	348	290	Wright, William Walker	P	630	399	506	210	381	303	160	206	288
L	406	312	Wynn, James Henry, III	S	339	399	126	313	260	359	170	297	424
CEC	*94	*110	**Wynne, William Edward**	S	189	235	339	141	253	140	91	150	31
L	439	426	Yingling, Abdiel Ralph, Jr	G	268	399	375	211	340	265	726	616	594
L	428	551	Young, Duane Chadwick, Jr	R	268	527	432	730	719	493	572	511	199
L	194	*92	**Young, Randall Wayne**	R	191	198	142	76	12	116	49	226	126
L	215	232	Youngblade, Charles John	S	570	235	463	109	308	85	422	212	604
L	343	500	Zekan, Charles John	R	570	158	690	759	498	493	443	269	678
L	474	469	Zettel, Marcus Alvin	S	676	476	167	588	417	366	185	314	652
L	*82	*70	**Zimmerman, Edward Francis, Jr**	G	533	55	150	81	79	89	142	240	51

[8] Name changed from Barkley Thomas Wood, Jr.

PRESENT FIRST CLASS

Relative standing of the midshipmen of the present first class (class of 1950), for the third year of their academic course, 705 members, June 1949

Symbol (see p. 29)	Relative standing for academic year	Name	Relative standing in— Conduct	Aptitude	Leadership	S. & N.	O. & G.	M. E.	Aviation	Math.	E. E.	E. H. & G.	Phys. Trng.
	335	Abercrombie, William Robert, Jr	162	602	529	300	263	225	307	187	455	401	336
	376	Akin, John Cobleigh	292	109	593	394	387	425	237	340	372	422	467
	580	Albright, Donald Sebring, Jr	500	34	225	664	647	549	653	555	566	593	438
	469	Allen, James Anthony	350	242	142	214	487	638	637	357	532	369	336
	397	Ameen, David Adel	350	571	132	329	625	395	457	181	552	102	9
	273	Ammann, Louis Aloysius, Jr	350	542	454	468	67	253	252	225	222	143	622
	357	Anderson, Harry LaVerne	463	571	549	488	443	358	360	414	347	30	(1)
	249	Anderson, Thomas Albert	565	500	675	226	213	217	360	298	151	278	395
	635	Anderson, William Ward, Jr	588	661	466	597	509	575	597	650	497	497	682
	243	Andresen, Ronald Nils	101	77	41	253	196	343	228	251	318	408	422
	*11	**Angleman, Cornell Carpenter**	50	500	76	2	13	15	23	10	8	105	122
	260	Armstrong, George Kornegay	463	242	406	172	331	298	242	244	242	365	336
	239	Armstrong, Neil August, III	101	336	229	82	174	221	103	279	377	408	485
	172	Arnold, Henry Duff	463	34	37	270	166	253	183	307	284	129	160
	*98	**Arnold, Julian Marion**	163	204	63	149	130	70	347	112	102	331	292
	376	Arvidson, Carl Henry	292	336	244	422	625	335	645	391	169	520	524
	667	Ashley, John Thomas, Jr	500	635	549	663	662	600	690	630	573	663	583
	*100	**Austin, Fuller Arnold**	226	290	236	177	45	67	61	190	58	422	485
	584	Avery, Bobby Roger	163	242	647	568	613	611	531	507	609	331	467
	330	Axe, John Roger	588	460	673	423	231	242	520	272	146	603	583
	138	Ayres, William Harvey, Jr	163	336	529	235	162	221	73	135	101	66	438
	*81	**Babbe, Robert Henry**	163	204	26	50	80	134	78	152	124	82	238
	167	Babcock, Robert Emerson	163	336	610	276	91	136	103	272	207	210	177
	391	Babington, Herbert Robert, Jr	230	290	666	429	374	422	246	251	355	477	292
	*96	**Baggett, Lee, Jr**	101	204	1	253	72	117	350	288	82	201	(1)
	674	Bagley, Ralph Frederick, Jr	681	661	641	670	610	626	613	668	611	612	122
	*49	**Baltz, Ambrose Joseph, Jr**	292	409	529	15	196	74	12	58	23	112	192
	200	Barber, Ray Cleveland	463	500	562	102	247	182	395	49	274	227	438
	234	Bardes, Charles Robert	50	52	49	504	158	367	434	334	303	189	52
	562	Barnette, Curtis Levon	645	242	466	627	476	505	565	633	597	336	67
	687	Barrow, Spencer Alan	523	542	495	661	652	664	670	646	633	657	699
	292	Barry, Jack, Jr	230	571	244	154	455	350	161	479	93	449	541
	*15	**Bauer, Robert Francis**	101	109	586	11	16	18	59	33	33	77	238
	131	Beal, Frank Stuart, III	50	204	109	99	65	162	73	258	365	4	562
tb	598	Beattie, George Elder	645	700	284	615	331	515	322	588	410	513	504
	304	Beck, Frederic Ernest, Jr	386	602	441	312	143	310	285	298	280	263	438
	306	Bellis, Stanley Bayha	50	460	28	452	427	312	221	434	368	123	9
	*80	**Bendell, Lee Roy**	432	204	35	86	153	143	118	107	74	171	52
	*89	**Berger, William Louis**	282	242	96	158	66	117	252	152	120	77	(1)
	351	Bier, James Sparks	163	571	414	263	550	223	161	427	396	336	238
	430	Bigley, Thomas Joseph	50	64	358	450	406	407	613	497	528	396	672
	*52	**Billings, John Hilary**	292	336	76	124	135	45	25	22	68	8	650
	265	Binnion, Robert Charles, Jr	588	571	683	144	277	193	161	171	165	473	650
	*9	**Birkel, William Myers**	101	8	368	13	22	32	15	23	38	93	9
4	696	Bisselle, Robert Ashford	292	204	618	692	655	701	704	699	703	680	43

(1) Due to temporary physical disability, unable to complete required work in Physical Training. A calculated average was used in the computation of relative standing assigned for second class year.

Relative standing of the midshipmen of the present first class (class of 1950), for the third year of their academic course, 705 members, June 1949—Continued

Symbol (see p. 29)	Relative standing for academic year	Name	Relative standing in— Conduct	Aptitude	Leadership	S. & N.	O. & G.	M. E.	Aviation	Math.	E. E.	E. H. & G.	Phys. Trng.
	267	Bixby, Kenneth Edward, Jr	101	52	159	217	480	385	449	266	337	255	265
	535	Block, Peter Fitzgibbon	50	336	104	572	397	545	434	662	590	326	359
	503	Blyde, Lewis John Newbery, Jr	583	242	511	492	445	477	565	601	493	336	395
	274	Bolger, John McCaffrey	500	500	423	71	489	154	403	328	316	347	359
	122	Boney, Paisley, III	1	13	159	131	294	192	131	311	216	89	359
	611	Bonner, Frank Richard	230	602	342	494	610	569	613	611	629	559	336
	440	Booth, John Edward	292	290	303	395	435	467	332	534	407	535	395
	362	Bossert, Richard Michael	386	409	28	374	331	395	557	437	430	179	74
	636	Bottom, George Albert, III	530	168	255	501	546	693	653	564	646	677	85
	339	Bowen, George Jackson	636	542	342	494	85	382	428	261	304	124	265
	*108	**Bowers, James Robison**	289	336	358	257	78	149	201	171	40	89	292
	*94	**Bowers, Ray Landis, Jr**	588	460	229	32	204	65	166	82	113	57	265
	247	Bown, Walter Lee	50	336	396	126	172	217	94	247	362	359	632
	343	Bowyer, Robert Eugene	163	409	393	359	225	307	434	384	294	444	583
	*2	**Boyd, David Stuart**	1	34	3	14	4	4	48	4	7	3	122
	325	Boyd, Roger Earl	350	242	664	548	318	392	419	334	168	267	336
	441	Boylan, Bernard Robert	386	409	168	446	448	430	237	354	474	412	541
	644	Bradford, Daniel Wayne	463	290	697	459	579	631	657	656	610	696	562
	565	Brady, Gene Paul	282	336	396	616	339	549	471	655	650	331	100
	214	Branson, John Joseph, Jr	428	336	383	100	110	277	118	187	263	314	524
	220	Braybrooke, Christopher	230	204	218	233	213	177	332	166	362	267	422
	291	Brett, Morton	463	409	319	353	452	244	484	171	292	179	314
	337	Bretting, Martin McPermott	684	676	692	199	501	127	274	307	263	412	67
	227	Brick, John Henderer	552	141	466	115	256	258	293	110	340	352	359
	*78	**Bronars, Edward Joseph**	432	109	116	48	321	77	157	89	59	294	177
	663	Brown, Bonner Bee, Jr	530	542	383	622	662	623	701	594	672	612	422
	572	Brubeck, Donald Philip	50	500	236	546	583	638	603	591	501	462	139
	139	Buck, Guy Phil	50	141	358	104	306	153	89	67	152	434	622
	578	Buck, Roger Leonard	618	204	429	455	567	619	214	577	598	359	438
tb	530	Buckley, Ellis Harrel	565	500	300	668	600	412	601	418	440	390	467
	183	Buehler, Harold Roger	163	571	271	78	119	112	266	130	229	497	643
	137	Builta, Arthur Glen	50	204	46	285	29	289	48	197	176	38	422
	525	Bulger, Thomas Edward	350	336	406	472	550	415	588	524	614	650	122
tb 4	699	Burgess, Joe Roy O'Neal	701	617	191	676	642	694	653	665	701	579	541
	662	Burgess, Scott Charles	463	617	495	638	680	495	682	533	675	663	650
	645	Burke, William James	345	500	459	621	574	667	537	670	557	554	562
	*113	**Burnett, Carl Joseph, Jr**	386	8	242	182	94	161	322	201	145	310	192
	142	Burns, Jeremiah Staniford	463	409	332	132	364	123	531	193	128	157	85
	391	Burns, Kenneth Robinson	230	141	612	510	188	388	46	342	554	462	108
	328	Burt, Alexander Roy, Jr	530	242	414	589	72	406	122	214	312	278	265
	593	Bush, Richard William	292	500	495	620	395	547	597	507	587	554	672
	*57	**Buteau, Bernard Lamothe**	101	109	478	172	37	54	17	84	109	36	376
	146	Butler, Anthony Stow	523	500	91	86	110	193	207	130	119	63	689
	125	Cady, John Parmelee, Jr	463	290	174	91	44	186	122	135	121	116	643
	201	Caldwell, James Hamilton	292	460	516	441	188	159	59	208	218	208	139
	560	Calhoun, Joseph William	230	242	229	596	631	522	645	548	571	662	43
	300	Callahan, Andrew John, Jr	530	542	341	407	529	129	557	225	167	579	359
	*99	**Cameron, Allan Kenzie, Jr**	230	336	76	95	18	96	73	311	79	357	422
	171	Cameron, James Martin	386	336	58	205	130	129	84	266	114	484	643
	141	Cariker, Jess Lee, Jr	292	460	450	68	300	61	258	214	117	387	562
	371	Carpenter, Norman Eugene	292	542	126	369	331	368	252	362	330	414	438
	186	Carr, Edward William	618	661	174	358	277	131	109	130	22	377	314
	533	Carr, William Kelly	50	409	429	426	351	615	312	529	601	480	376
	223	Carter, Frank Richardson	463	168	358	129	421	244	103	190	342	336	36

Relative standing of the midshipmen of the present first class (class of 1950), for the third year of their academic course, 705 members, June 1949—Continued

Symbol (see p. 29)	Relative standing for academic year	Name	Relative standing in— Conduct	Aptitude	Leadership	S. & N.	O. & G.	M. E.	Aviation	Math.	E. E.	E. H. & G.	Phys. Trng.
	163	Cassilly, Frank Rodes	690	336	271	209	247	126	207	303	100	18	562
	661	Castellanos, George Manuel	675	500	562	555	698	670	657	628	550	683	43
	414	Cavanaugh, John Paul	428	409	661	283	300	417	444	618	244	612	504
	314	Caylor, Floyd Martin	101	168	666	193	465	274	457	193	366	525	524
	558	Chaitin, Neil David	425	602	294	470	608	532	479	606	550	210	485
	235	Chambers, John Joseph	292	168	174	261	255	267	507	371	215	255	395
	436	Cheatham, Guy Chester, Jr	101	20	368	591	574	474	412	400	412	434	664
	345	Chipman, Eugene Nelson	588	34	269	228	263	476	543	476	349	621	56
	467	Church, Clifford Ellison, Jr	463	109	578	591	432	595	258	482	390	297	208
	613	Cirencione, Francis Joseph	583	204	441	625	644	644	479	613	484	548	467
	376	Clark, Charles Amory, III	1	542	679	223	388	381	332	234	498	511	36
	513	Clarke, Walter Lewis, Jr	576	661	618	505	480	419	684	384	401	434	467
	*104	**Coffin, Sherman LeRoy**	386	336	294	273	119	71	29	84	46	157	562
	477	Coleman, Gerard Giles	230	204	701	563	548	351	588	529	384	686	177
	356	Colleary, John Edward, Jr	292	460	310	180	162	424	214	495	435	540	32
	561	Collin, Henry Arthur, Jr	292	90	58	668	358	513	457	567	689	444	265
	547	Colvin, Harold Clifford	463	409	255	584	588	649	228	540	357	554	108
	410	Conatore, George Eugene	618	242	618	438	193	460	457	390	401	365	208
	309	Condit, Maurice Johnson	698	204	653	303	117	375	341	293	138	531	314
	496	Congdon, Walter Rich	684	336	653	418	339	441	491	518	450	520	359
	303	Conley, Philip James, Jr	230	64	207	285	290	334	196	400	537	60	438
	119	Conlon, Charles Michael, Jr	163	90	319	156	306	137	177	87	88	396	238
	170	Cooke, David Hume	230	109	682	165	188	168	166	231	1.7	326	562
	538	Cooper, Charles Grafton	101	52	358	536	651	613	641	573	589	601	20
	*79	**Cossaboom, William Miner**	432	34	207	288	209	46	113	62	105	227	108
	*68	**Coughlin, John Thomas**	50	64	96	42	119	86	285	145	123	149	395
	569	Crafts, Clifford Earl, Jr	230	336	562	612	518	597	631	378	555	569	485
	426	Cramblet, Frank	460	409	466	405	341	402	177	357	439	422	607
	624	Crowley, Craig Edward	630	542	342	377	588	533	301	597	654	671	467
	649	Cunningham, Russell Payne, Jr	350	109	573	602	600	642	514	687	636	704	208
	536	Curley, Wilfred Bernard	530	635	652	483	256	541	403	418	569	513	139
	461	Daleo, Lorenzo James	559	242	142	366	448	401	395	459	512	552	583
	383	Darfus, George Haver	292	242	578	176	455	306	258	447	493	540	208
	600	Davi, Jerome Anthony	565	141	511	507	678	641	673	524	560	506	359
	212	Davidson, Charles Anthony	432	697	661	323	148	79	237	152	111	451	208
	468	Davis, Allen Burch	530	290	49	325	368	467	543	583	558	352	485
	316	Davis, James Bly	530	336	13	529	118	398	177	349	396	46	139
1	589	Davis, Lloyd Robert	565	500	58	624	518	506	419	649	522	359	678
	583	Davis, Robert Leroy	350	688	685	650	442	503	380	556	428	497	376
	348	Davis, Walter Edward, Jr	230	336	637	209	460	434	491	145	325	359	541
	240	Davison, Richard Dean	463	409	116	372	224	323	312	222	156	98	336
	483	De Backer, Theodore Albert	386	460	342	410	637	453	594	383	414	636	238
	524	DeMers, William Henry, II	386	460	626	463	650	458	641	328	531	661	100
	480	Denmark, George Thames	50	2	653	575	417	621	625	567	559	369	336
	603	Deranian, George Gregory	1	542	645	541	592	620	395	593	480	595	632
	284	DeWitt, Birchard Bliss	500	242	516	233	347	304	520	251	321	157	265
1	367	Dickerson, William Joseph	230	168	168	414	427	393	396	322	488	320	56
	*85	**Diehl, William Francis**	556	168	11	39	91	58	183	107	181	185	177
	147	Dille, Earl Kaye	530	290	109	112	312	106	285	158	137	462	208
	185	Di Nardo, James Joseph, Jr	292	141	414	392	236	166	221	251	191	164	314
	679	Dixon, Brewer, Jr	386	409	666	698	664	659	578	679	662	654	208
	510	Doak, Samuel Lawall	101	571	132	640	374	456	380	520	562	297	208
	602	Doan, Richard Carpenter	698	460	698	442	613	526	588	376	600	673	27
	*3	**Dobony, Charles**	50	2	3	25	29	1	25	9	5	25	20

Relative standing of the midshipmen of the present first class (class of 1950), for the third year of their academic course, 705 members, June 1949—Continued

Symbol (see p. 29)	Relative standing for academic year	Name	Relative standing in— Conduct	Aptitude	Leadership	S. & N.	O. & G.	M. E.	Aviation	Math.	E. E.	E. H. & G.	Phys. Trng.
	678	Dollinger, Richard Edward	463	460	414	661	597	691	551	682	699	531	177
	434	Dombrowski, William Frank	101	571	478	488	509	336	543	212	480	320	562
tb 2	*Inc*	Donaldson, John Weber	1	*Inc*	*Inc*	*Inc*	*Inc*	*Inc*	*Inc*	*Inc*	*Inc*	*Inc*	*Inc*
	451	Dooley, Gerard Francis	500	290	542	329	277	528	419	456	476	417	485
	384	Dorsey, Joshua Worthington, III	463	290	159	383	437	478	444	516	354	30	292
	429	Drake, Richard Francis	292	460	414	480	556	362	605	258	381	636	192
	601	Drew, Albert Edward	635	617	229	651	618	584	697	540	408	559	36
	566	Droge, William Bernard, Jr	530	242	454	644	615	566	479	447	511	394	422
	448	Duggan, Frederick Francis, Jr	530	409	406	570	656	414	557	414	284	494	177
	326	Duggan, Richard Walter, II	230	336	342	425	465	368	496	281	221	448	85
	*26	**Dughi, Carl Matthew**	1	168	49	168	12	59	20	20	28	23	422
	702	Dunaway, Gene Trayser	690	571	703	697	699	695	699	691	659	703	601
1	*97	**Duncan, Alfred Grady, Jr**	1	25	368	58	218	163	103	127	161	278	122
tb	676	Duncan, George Washington, Jr	230	661	429	647	680	669	625	694	622	623	314
	209	Dungan, Frank Edward	500	52	332	362	209	186	113	261	278	336	265
	269	Dunham, Donald James, Jr	608	109	303	251	364	373	395	145	284	227	192
	398	Dunham, John Robertson	496	168	294	374	374	314	293	484	399	559	438
	640	Dunn, Charles Carroll, Jr	688	688	675	551	664	395	610	507	616	680	292
	388	Durham, Samuel Carr	386	409	174	402	368	376	645	378	292	385	632
	346	Dyer, Thomas King	664	602	441	307	452	260	578	219	298	210	208
	617	Eagye, Thomas Robison, II	583	617	625	483	637	586	531	513	534	590	583
	132	East, George William	101	168	76	86	256	119	135	145	139	352	672
	512	Edwards, Frederick Andrews, Jr	230	336	121	550	418	463	395	551	530	480	632
	233	Elliott, James Donald	588	336	383	296	110	298	293	266	222	297	7
	153	Ely, William Benjamin, Jr	101	168	478	202	135	212	135	345	175	164	160
	114	Emerson, David Frederick	523	109	35	65	85	164	48	158	180	139	359
	*16	**Engle, Raymond Edwin**	101	242	19	37	2	27	29	74	30	27	485
	486	Engler, Robert Frederick, Jr	50	409	478	466	410	507	319	573	537	400	208
	697	Erickson, Harold Frederick	500	571	630	679	693	702	631	652	688	531	692
	*17	**Estes, Howard Mitchell, Jr**	386	654	6	26	13	8	34	47	15	7	67
	205	Evans, Hubert "T"	50	20	197	61	110	297	113	288	579	285	74
	*56	**Eyster, Rodney Eugene**	163	34	180	72	108	95	109	76	122	21	583
	302	Fahey, Robert Francis	530	409	126	199	287	256	514	181	422	434	139
	*20	**Fahland, Frank Richard**	101	77	151	7	110	42	55	23	34	27	359
	253	Fahs, Raymond Zeigler, Jr	552	290	218	159	268	292	307	234	282	157	504
	680	Fairbank, Carl Sherwyn, Jr	230	409	600	685	620	679	434	667	659	702	580
	575	Fant, Donald Fitz-Gibbon	663	676	437	618	252	514	149	564	471	451	359
	404	Farnsworth, William Barbour, Jr	463	90	218	377	406	388	246	459	483	440	314
	482	Farrell, John Beveridge	583	290	197	497	247	522	434	540	433	462	541
	476	Feagin, Frederick King	530	336	64	585	484	488	613	442	496	193	177
	*4	**Fears, Donald Gene**	292	64	96	1	6	2	68	2	4	11	160
	*22	**Featherston, Frank Hunter**	1	242	197	30	13	67	293	28	11	70	122
	352	Fenier, Joseph	292	617	423	186	358	346	166	307	296	331	682
	394	Ferguson, George Doughty, III	160	242	49	366	476	450	471	318	405	336	438
tb	683	Fillmore, William Carr	292	290	121	690	685	676	687	693	658	642	541
	216	Flint, Walter Howard	530	409	474	97	213	203	141	281	261	185	524
	670	Flory, Harry Russell, Jr	350	141	76	702	421	674	491	703	695	569	108
	546	Foley, Sylvester Robert, Jr	432	460	148	403	646	567	514	538	519	535	208
	*55	**Forbes, Donald Kerry**	282	90	85	57	52	75	214	98	133	93	139
	180	Forehand, Paul Warren	50	25	383	331	152	358	98	241	246	59	43
	627	Fox, George Alfred, Jr	500	500	562	503	568	592	514	652	656	387	601
	423	Fox, Richard Thornton	588	542	159	538	231	439	301	511	424	315	9
	*12	**Fraasa, Donald Gordon**	292	4	463	16	46	37	1	53	16	98	336
	504	Frank, Elias Clinton	675	661	437	380	494	464	496	467	434	270	122

Relative standing of the midshipmen of the present first class (class of 1950), for the third year of their academic course, 705 members, June 1949—Continued

Symbol (see p. 29)	Relative standing for academic year	Name	Relative standing in— Conduct	Aptitude	Leadership	S. & N.	O. & G.	M. E.	Aviation	Math.	E. E.	E. H. & G.	Phys. Trng.
	634	Frasier, Harrison Gibbes	350	204	696	639	670	600	657	656	574	687	100
	470	Frazier, Montgomery Lamar	292	336	197	417	312	548	637	454	590	259	238
	475	Freeman, Roger Minor, Jr	1	141	602	362	637	540	625	484	414	568	376
	297	French, Norman Moody, Jr	50	460	284	316	238	182	403	386	332	284	672
	182	French, Robert Dean	432	90	406	211	294	232	183	116	209	171	562
	248	Frerichs, John Silver	230	13	255	432	236	407	78	418	213	193	485
	*91	**Fritz, William Wendell**	345	500	562	125	37	89	157	152	94	70	108
	498	Frosio, Robert Clarence	163	336	506	605	410	522	520	362	489	652	43
	516	Frudden, Mark Perrin	696	242	593	356	382	508	471	410	523	451	562
	293	Galloway, Charles Rench, Jr	630	409	132	281	273	328	274	318	259	352	52
	*59	**Gardiner, Thomas Moir, III**	386	204	529	80	273	25	68	42	40	204	238
	135	Gaylord, Robert Frank	163	109	57	189	83	186	113	138	189	139	664
	419	Gedney, Kendall Courtney	292	500	450	432	368	351	434	491	360	623	208
	478	George, Thomas Benton, Jr	163	500	332	436	460	419	434	567	370	601	632
	659	Gochenour, David Thomas	630	168	328	653	668	673	537	616	680	575	56
	195	Goldbeck, Lewis Henry, Jr	463	676	174	211	341	121	520	234	118	20	607
	245	Golding, Edwin Irwin	230	90	7	327	348	341	360	98	449	149	20
	*34	**Goldman, Robert Louis**	460	542	244	21	67	18	39	60	10	87	395
	563	Goodiel, Carlton Duncan, Jr	163	168	611	617	631	545	583	495	615	527	74
	275	Goodspeed, Richard Emory	292	109	96	246	186	402	122	247	375	307	208
	218	Gordon, Gilbert Harold, Jr	350	242	104	55	392	266	341	334	235	297	336
	178	Gray, Gordon Miles	163	204	151	296	158	246	242	251	148	414	56
	287	Gray, Rockwell Mason, Jr	1	141	300	553	437	203	484	285	383	208	56
	155	Green, Fredric Alvin	1	542	20	144	41	171	293	116	314	120	438
	259	Greenberg, Edwin Gilbert	292	336	600	289	267	290	380	272	173	143	650
	202	Greene, Leonard Belmont	653	571	437	150	196	159	122	168	177	242	238
	*7	**Greenley, Rob Roy**	101	141	41	6	21	6	39	4	13	22	395
	144	Greenwood, Charles Lawrence	163	141	356	72	355	134	157	82	281	320	208
	172	Greenwood, John Edson	345	242	193	292	119	193	161	243	305	48	122
	470	Greer, Wiley Winton	428	168	151	521	358	467	543	618	514	365	359
	493	Grier, Joseph Lee, Jr	50	336	463	221	607	515	673	400	521	586	601
	187	Griffin, Carroll Riggs, Jr	282	290	242	285	182	262	141	318	187	97	160
	193	Griffin, Ellegood Vaughan, Jr	163	336	96	266	119	271	274	201	188	164	485
	358	Grigg, William Hunter	163	602	358	446	312	376	471	314	243	352	438
	514	Grimm, William Francis	163	109	558	507	597	637	444	482	447	422	265
	366	Groover, Morgan Knowles, Jr	588	500	629	488	579	331	196	418	163	193	314
	653	Grosvenor, Alexander Graham Bell	664	635	429	556	680	501	700	502	682	690	20
	160	Grove, Michael Motte	292	500	303	334	97	155	221	328	140	50	160
	630	Grunwald, Edward Albert	292	77	647	580	616	675	621	582	667	611	192
	289	Gude, Erik Anker	163	34	466	279	410	317	322	279	357	599	122
	181	Haidler, William Bernard	50	204	28	167	164	209	266	340	335	234	74
	425	Hain, Gilbert Nelson	618	460	604	428	536	281	341	397	386	433	438
	118	Hall, Donald Perry	230	336	319	75	67	171	252	116	103	204	292
	190	Hall, James Horace	101	460	358	345	85	138	34	311	182	263	504
	353	Halleck, Leland Duane	292	635	332	597	218	316	266	241	236	105	650
	349	Halperin, George Bennett	636	336	20	410	182	560	196	222	290	116	336
	288	Halpern, Earl	432	571	67	222	509	215	565	351	314	129	160
	364	Hamer, Robert Reginald, Jr	230	336	506	343	374	305	141	459	419	184	562
	450	Hammett, Floyd Edward	500	336	368	356	437	437	641	296	556	417	395
	127	Hampton, George Forrest	463	336	284	119	188	208	228	29	92	63	686
	*75	**Hancock, Virgil Rollin**	1	8	96	63	148	252	228	130	87	216	238
	*46	**Hanks, Norris Junior**[2]	163	336	85	132	17	110	34	126	9	105	376
	*60	**Hanson, Carl Thor**	530	52	495	62	67	41	135	78	130	227	56

[2] Name changed to Norris Jay Hanks.

Relative standing of the midshipmen of the present first class (class of 1950), for the third year of their academic course, 705 members, June 1949—Continued

Symbol (see p. 29)	Relative standing for academic year	Name	Relative standing in— Conduct	Aptitude	Leadership	S. & N.	O. & G.	M. E.	Aviation	Math.	E. E.	E. H. & G.	Phys. Trng.
	174	Hardy, Martin Earl	655	90	406	333	341	220	98	327	64	267	85
	625	Hardy, William Jennings, Jr	230	500	85	566	583	628	681	507	618	603	607
	*100	**Harkness, Richard Ernest**	292	90	197	86	103	152	141	47	157	120	485
	408	Harrell, Richard Dewitt	350	13	37	560	430	562	360	463	467	369	36
	638	Harris, Robert Dale	230	571	294	614	678	684	496	429	506	558	650
	571	Harris, Robert Doughtry, Jr	588	204	168	546	480	519	496	674	664	387	85
	120	Harrison, Lloyd Elkins, Jr	163	4	524	449	22	207	457	114	255	193	2
	498	Hart, Silas Clinton, Jr	229	336	271	561	341	573	369	371	548	506	208
	389	Hartwell, Ralf Lee, Jr	101	542	132	453	588	345	537	362	323	240	376
	*10	**Harvey, John Wesley**	1	25	159	40	27	16	11	18	18	30	160
	386	Hawkins, Larry Larue	559	409	207	279	166	445	312	323	384	451	524
	646	Hawkins, William Forrest	704	109	542	563	561	643	675	604	651	586	85
	506	Hays, Ronald Jackson	496	204	139	403	432	439	471	597	631	511	265
	152	Hayward, Houston Conant	386	500	294	82	139	89	89	225	190	297	524
	*29	**Heerwagen, David Dupuy**	230	242	205	70	84	7	48	33	47	89	122
	218	Henderson, John Merrill	583	34	76	273	58	247	55	434	440	63	336
	542	Henning, John Charles, III	432	409	406	253	489	511	588	690	465	650	607
	213	Herman, Stanley Adamson	230	204	689	237	67	267	301	296	256	297	139
	224	Herring, Harold Gene	50	409	478	184	8	242	73	238	431	285	438
	654	Hiatt, Henry George, Jr	163	542	139	608	382	666	369	701	634	646	524
	276	Highberg, Roy Warren	230	64	466	193	341	319	307	391	426	259	67
	350	Hinnant, Harris Odom	50	290	303	399	283	363	201	431	405	210	467
	*70	**Hirsch, Charles Olaf**	163	64	225	224	252	46	258	42	36	451	208
	527	Hobson, John Jacob	292	204	666	525	465	588	380	679	468	255	(1)
	573	Hodnette, Lovic Pierce, Jr	386	168	121	552	410	651	332	583	636	451	192
	342	Hoffman, Robert Dale	386	141	506	310	300	363	369	386	344	422	422
	324	Hoffman, Samuel David	292	290	67	407	287	295	274	368	319	396	504
	435	Hoge, Kenneth Gilpin, Jr	463	617	329	488	473	346	380	160	540	310	160
	416	Hoggard, William David, II	350	635	562	622	353	215	484	456	310	569	177
	553	Hogue, Harvey Hamilton	350	109	20	554	437	652	664	491	629	582	74
	331	Holcomb, Franklin Jay	700	571	641	242	455	267	285	281	154	143	541
	631	Holcomb, Sanford Preston	692	676	478	443	625	543	520	484	478	694	580
	*72	**Holman, Rockwell**	292	34	342	157	11	146	153	60	174	57	292
	196	Holmes, John Snyder	292	602	197	336	35	263	135	187	162	82	467
9	700	Hooker, Walter Joe	230	542	680	699	701	703	702	578	641	660	686
	459	Hooper, Charles Seaman, Jr	630	336	593	482	550	445	551	405	350	443	265
	420	Hoover, Howell Peacock, Jr	463	242	67	473	480	415	637	601	418	274	67
	*69	**Hopkins, Clifford David**	500	242	255	141	41	108	34	76	53	50	438
	521	Hopkins, William Holden Phelps	292	460	368	446	331	568	258	556	493	599	541
tb	519	Horner, Robert Anthony	386	617	244	510	455	577	551	511	469	278	208
	318	Hotz, Edward Christian, Jr	50	25	626	174	403	572	395	522	269	544	16
	463	Howard, Charles Thomas	664	242	139	497	218	530	274	451	563	240	160
	575	Howard, Joseph Bowyer	655	602	429	579	523	519	688	479	448	633	85
	484	Hudson, James Alexander	618	242	255	369	529	448	207	437	620	336	192
	*90	**Huff, Mahlon Shepard**	230	290	55	231	63	101	68	100	91	149	192
	*32	**Hughes, Ray Stewart**	463	90	32	60	80	80	172	63	17	47	238
	143	Hunt, Donald Bancroft, Jr	163	460	529	243	268	124	301	96	141	112	265
	639	Hunter, Robert Eldredge, Jr	386	90	586	653	630	646	565	681	656	548	192
	442	Hurley, Joseph Denis	653	409	368	342	323	410	188	641	372	484	238
	228	Hussmann, Harry "L", III	386	141	368	230	487	265	312	102	249	218	395
	537	Ikeler, Thomas Rittenhouse Shobert	1	141	284	646	608	492	605	544	569	595	139
b 7	594	Ingalls, Jack Francis, III	350	64	573	512	484	607	531	627	664	673	376

(1) Due to temporary physical disability, unable to complete required work in Physical Training. A calculated average was used in the computation of relative standing assigned for second class year.

Relative standing of the midshipmen of the present first class (class of 1950), for the third year of their academic course, 705 members, June 1949—Continued

Symbol (see p. 29)	Relative standing for academic year	Name	Relative standing in— Conduct	Aptitude	Leadership	S. & N.	O. & G.	M. E.	Aviation	Math.	E. E.	E. H. & G.	Phys. Trng.
	340	Innerbichler, Leo Joseph	163	409	511	361	252	328	380	150	329	548	541
	197	Irish, George Elbert	588	242	675	146	513	258	221	52	197	263	9
	*53	**Isles, Ted William**	50	542	25	72	5	65	33	150	95	15	643
	591	Ivanson, Kenneth John	163	336	549	583	525	618	484	567	594	626	139
	432	Jablonski, Eugene Richard	101	460	368	580	476	319	613	160	436	618	395
	613	Jackson, Jack Coleman	559	571	74	616	544	582	537	650	537	396	108
4	703	Jacobs, Jesse Martin	608	704	604	692	703	661	703	698	700	696	622
	694	Jacobson, Jacob Harry, Jr	163	602	516	695	637	696	395	688	691	663	650
	354	Jakimier, Beverly Glass	230	90	423	534	58	447	266	540	394	259	314
	*18	**Jarrell, Donald Lee**	1	141	32	45	51	43	4	59	21	42	108
	501	Jefferson, Robert Ray	647	617	383	461	410	449	242	516	504	171	422
tb	401	Jeffries, Claude Edward, Jr	101	167	429	314	323	512	419	342	502	527	67
	323	Jenike, Thomas Edgar	530	109	126	293	528	317	322	249	309	451	504
	526	Jennings, Bruce Merlin	292	571	271	320	546	561	520	442	547	559	359
	390	Jensen, Wayne LeRoy	101	409	244	294	328	488	84	476	401	320	265
	192	Jessen, George Eli	1	290	342	215	228	214	27	176	266	200	504
	684	Johnson, Frederick Welty	647	571	109	544	690	682	350	684	694	559	314
	312	Johnson, Phillip Thomas	345	168	10	474	228	372	188	394	297	462	160
	255	Jones, Robert LeRoy	163	336	516	59	262	302	122	272	419	270	85
	317	Jordan, Jack deLaittre	163	635	681	217	469	281	412	143	268	422	(1)
	204	Kaplan, Murray Lee	655	676	463	299	18	151	207	138	231	25	238
	145	Katz, Samuel	163	290	542	187	56	101	89	225	152	291	672
	194	Kaune, James Edward	292	290	142	395	135	264	201	130	227	120	139
	449	Keebler, Richard Ernest	101	500	702	405	455	256	428	488	544	484	524
	*28	**Keevers, Robert John**	101	77	193	30	108	28	177	17	20	36	697
	*19	**Kelly, Ronald Thomas**	163	109	28	19	41	21	2	10	39	134	524
	375	Kelly, William Perry, Jr	463	542	653	366	133	339	39	479	364	473	122
b	695	Kempen, George Frederick, II	500	602	578	688	694	697	664	695	652	628	541
	*41	**Kempf, Cecil Joe**	1	336	504	69	48	32	293	26	54	73	314
	232	Kennedy, James Roger, Jr	382	141	269	187	247	328	252	391	252	274	108
	250	Kessing, Charles Thomas	292	90	132	76	388	391	141	288	252	462	395
tb	157	Kessler, Lewis Hanford, Jr	432	661	478	50	331	122	89	87	81	365	485
	421	Kibbey, Joseph Henry, II	50	77	529	423	403	552	428	502	535	193	160
	614	Kiehl, William Austin	680	336	529	602	621	538	332	700	572	291	139
	*27	**Kilbourn, Garland Rex, Jr**	163	20	85	35	128	36	196	42	67	116	292
	*65	**Kilroy, Henry Paul**	496	460	342	41	82	37	484	72	50	82	336
	656	King, Robert Andrew	530	336	244	629	604	627	601	631	685	689	56
	359	King, Robert Marvin	565	661	159	383	277	351	380	497	204	164	336
	406	King, Thomas Robert	384	77	653	320	353	455	412	238	545	449	422
	629	Kingsberg, William James	230	460	549	645	661	662	419	607	584	422	139
	*38	**Kinnear, James Wesley, III**	101	52	121	207	158	40	64	78	43	82	100
	534	Kirk, John Miller	1	242	151	483	582	599	583	491	588	274	632
	454	Kittler, James Patrick	292	290	573	369	445	466	503	454	563	392	192
	*88	**Kivlen, Alexander Law**	675	168	271	115	107	62	153	49	62	124	541
	308	Klingensmith, Joseph Franklin	556	90	104	432	139	407	403	560	344	52	208
	517	Knapp, Budd Fredrick	651	336	687	519	525	450	457	447	509	484	122
	151	Knox, Edward Priest	1	168	7	211	29	284	29	288	276	60	438
	658	Knutson, Creighton Robert	608	542	578	674	673	633	668	472	607	612	359
	642	Kobey, Donald Shields	350	290	635	575	642	671	653	674	596	631	122
	507	Kolstad, Tom Irby	432	168	303	606	410	555	419	394	548	234	622
	283	Kost, John David, Jr	101	676	414	117	106	284	207	328	277	233	607
	*13	**Krag, Robert Lee**	565	168	229	4	7	9	14	19	19	11	583

(1) Due to temporary physical disability, unable to complete required work in Physical Training. A calculated average was used in the computation of relative standing assigned for second class year.

Relative standing of the midshipmen of the present first class (class of 1950), for the third year of their academic course, 705 members, June 1949—Continued

Symbol (see p. 29)	Relative standing for academic year	Name	Relative standing in— Conduct	Aptitude	Leadership	S. & N.	O. & G.	M. E.	Aviation	Math.	E. E.	E. H. & G.	Phys. Trng.
	489	Kramer, Robert Paul	163	204	684	438	536	356	449	434	553	642	632
tb	626	Krantzman, Harry Morris	230	336	284	631	595	587	520	643	645	401	541
	*107	**Krohn, Stanley William**	530	204	396	91	281	114	183	160	76	27	541
	203	Kuhlman, Donald Arthur	292	460	664	161	166	240	457	89	201	216	422
	531	Kyger, Charles Filmore	463	204	218	542	294	569	449	618	516	471	622
	133	Landes, Richard Jerome	350	460	414	139	460	84	360	207	83	98	395
	164	Lane, Bernard Bell	226	602	271	169	268	120	107	209	157	87	504
	488	Laniado, Howard Isaac	636	602	396	355	523	418	557	447	486	252	395
	677	Lasell, Max Henry	636	570	342	647	559	672	412	656	686	633	524
	385	Lasley, William Ward	576	676	236	412	325	225	322	249	352	440	265
	380	Lassing, James Singleton	101	336	148	595	283	351	350	371	336	179	664
	563	Leder, Frederick David	630	336	690	383	675	473	657	386	458	648	643
	453	LeDew, Thomas Albert	672	460	640	608	568	309	471	467	340	434	20
	*25	**Lee, Byron Albert**	1	290	494	49	37	30	149	40	27	16	292
	242	Lee, Robert McGonnell	1	617	303	497	119	206	228	285	68	369	692
	693	Lenhart, Charles Anthony	50	661	692	666	623	690	697	643	693	628	650
	464	Leslie, Myron Elmer	50	290	396	543	592	427	419	534	465	540	43
	257	Lesser, John David	101	542	441	266	101	250	94	378	202	422	467
	295	Lind, Donald Christian	463	409	549	241	300	235	118	323	196	586	607
	294	Lindley, Charles Brewer	694	336	423	312	231	331	457	334	270	204	1
	*103	**Lisanby, James Walker**	50	336	267	148	52	100	20	169	171	23	524
	690	Little, James Grant	618	500	218	675	683	689	645	702	653	625	292
	285	Loar, Warren Nelson, III	1	242	516	160	331	182	514	293	330	544	664
	500	Lockwood, Harold Raymond	101	336	310	468	550	646	557	467	307	595	376
	643	Loetscher, Robert Leo	230	290	658	677	579	611	631	491	662	687	238
	511	Loftis, George Roland	292	290	396	475	494	529	557	418	542	520	438
	329	Long, Donald Charles	559	141	612	606	153	298	307	272	282	390	336
	368	Loomis, William Harwood	230	290	283	475	300	464	491	307	379	185	238
	382	Lyman, Jack Neilsen	163	460	630	392	312	368	694	368	248	513	541
	647	Lynch, Osmar Walter	500	409	542	686	669	493	471	672	670	218	650
	*73	**Lynn, James William**	163	109	236	122	78	113	149	177	143	102	7
	262	Lyttle, James Drown	350	500	529	301	268	171	301	378	172	535	238
	*47	**Macfarland, Willard Coldren**	500	204	441	95	196	23	78	55	12	297	122
	229	Mackenzie, John Douglas	163	460	586	78	283	249	457	67	289	548	208
	263	Madera, Harry Paul	230	168	37	310	341	284	507	201	332	417	100
	502	Magee, Lawton Wood	608	168	511	328	489	441	360	559	543	642	467
	393	Mahoney, George Cornelius	432	242	612	339	498	271	605	285	458	422	376
	403	Maire, Rex Edmond	163	571	253	346	348	239	434	418	528	401	336
	554	Malloy, John Edward	101	109	310	601	476	636	635	607	608	285	177
	*14	**Manci, Orlando Joseph, Jr**	101	13	34	106	29	51	7	40	37	18	208
	208	Mandeville, Robert Clark, Jr	350	52	253	320	180	343	172	177	183	451	359
	*48	**Marsh, James Wesley**	163	571	604	17	182	32	48	89	52	73	27
	473	Martin, Marvin David	101	336	244	450	600	497	350	484	414	315	664
	220	Martin, Richard William	386	168	474	193	299	182	403	266	251	520	100
	474	Martin, William Kinne	350	290	695	305	382	558	507	323	525	497	376
dd	*30	**Martinelli, Richard Alfred**	684	635	46	46	20	9	98	29	49	1	18
	532	Masias, Daniel Abadia	606	409	675	536	631	410	670	362	423	692	336
	361	Mason, Philip John	163	204	626	182	409	336	360	601	450	152	438
tb	650	Mathews, John Hopper	588	702	342	530	595	678	551	616	487	171	583
	226	Matson, Willis Arthur, II	292	204	368	390	273	174	258	190	379	69	160
	207	Mauzy, Edwin LaMar	350	25	586	338	204	278	565	209	224	377	238
	637	May, Gayle Lynwood	386	635	477	636	501	648	188	529	582	612	541
	433	Maynard, Frank Taylor	386	571	511	426	494	644	347	333	185	297	160
	279	Mayo, Daniel Kenneth	350	336	700	226	397	227	319	200	185	480	607

Relative standing of the midshipmen of the present first class (class of 1950), for the third year of their academic course, 705 members, June 1949—Continued

Symbol (see p. 29)	Relative standing for academic year	Name	Relative standing in— Conduct	Aptitude	Leadership	S. & N.	O. & G.	M. E.	Aviation	Math.	E. E.	E. H. & G.	Phys. Trng.
	588	McBroom, William Armand	675	602	604	535	395	577	274	586	443	612	292
	621	McClaran, Stephen Walter	289	242	478	633	673	597	675	604	627	242	583
	*42	**McCoy, Ambrose Philip, Jr**	163	336	332	179	135	18	183	39	25	77	160
	370	McCoy, Daniel Joseph	163	460	151	181	364	319	449	639	387	218	607
	701	McCraw, Frank Mabbett, Jr	530	617	692	694	687	699	605	682	687	677	395
	166	McCreedy, William White	432	409	67	152	139	253	7	123	192	179	395
	121	McDowell, Hamilton Erwin, Jr	608	77	342	265	128	250	274	201	55	225	9
	427	McFall, Albert Dodge	500	336	368	456	501	471	457	405	456	259	36
	236	McGarrah, William Erwin, Jr	386	64	537	258	328	273	141	272	236	270	583
	129	McGlaughlin, Thomas Howard	664	290	255	198	218	132	15	166	114	141	16
	347	McGrath, Thomas Charles, Jr	101	460	167	516	355	390	350	334	244	328	376
	489	McLernan, Joseph Vincent	101	168	666	531	448	543	285	463	603	210	238
	272	McMahon, Paul Gregory	50	242	604	206	153	292	610	410	377	124	292
	136	McNabney, John Francis	1	34	132	29	217	198	332	244	249	331	541
	577	McNally, John Joseph	163	168	637	655	448	653	350	646	643	161	5
	479	Meek, Donald Bagnall	705	702	319	341	238	368	207	583	359	41	238
	*102	**Mendel, Edward**	292	290	495	52	103	141	44	36	89	315	395
	266	Mendes, Carlos Alberto Teixeira	350	141	673	365	263	382	380	143	116	620	292
	543	Merino, Efrain Gualberto	463	500	666	414	690	333	625	293	518	693	524
	632	Meyer, Frank George	292	242	542	657	645	655	449	646	599	369	504
	424	Michie, George Douglas	50	409	562	224	119	593	312	573	470	294	395
	327	Miller, Donald Charles	163	1	255	324	435	433	403	472	471	377	395
	505	Miller, Richard Archibald	523	571	207	454	532	501	543	502	477	401	160
	340	Miller, Thomas Guy, Jr	432	336	332	251	388	491	84	351	288	52	632
	413	Miller, Thomas Stroup	1	141	74	391	437	481	412	637	396	473	160
	*54	**Miller, William Anthony**	588	52	310	118	29	114	221	121	111	2	292
	405	Mills, Beverly Theron	1	290	602	294	424	450	274	298	366	531	643
	*62	**Minnis, Marion Lee, Jr**	50	204	94	24	99	71	55	46	177	82	314
	623	Moberly, Richard Oldham, Jr	432	460	342	556	562	558	434	665	647	462	562
	*58	**Moll, Kendall Dean**	163	20	151	177	213	114	3	86	84	70	208
	*5	**Monroe, Robert Rawson**	50	242	67	3	1	5	6	2	3	6	74
	298	Moore, George Donald, Jr	50	77	504	246	444	384	578	197	348	189	650
	150	Moore, Thomas Lawrence	50	336	14	91	63	199	166	105	164	242	698
	612	Morgan, Warren Lee, Jr	530	64	271	517	574	608	668	597	673	663	485
	*40	**Morin, Gene Douglas**	101	109	459	5	72	49	395	15	72	357	314
	665	Morris, James Allen	463	542	647	590	592	596	369	697	668	699	336
	258	Morrissey, John Noel	386	168	506	465	166	230	228	129	317	234	504
	494	Moxley, Frank Harold, Jr	163	409	478	443	532	557	484	488	453	559	85
	373	Muck, Floyd Robert	101	13	598	520	355	434	312	441	484	328	208
	671	Mulford, Ross Leonard	636	109	393	684	687	679	691	668	628	683	85
	299	Mull, Charles Leroy, II	350	109	618	137	559	281	557	145	388	369	504
	123	Muller, Leonard Arthur	163	336	64	104	164	174	412	234	169	60	56
	320	Mulligan, Thomas Joseph, Jr	163	460	383	76	316	346	285	354	352	477	485
	184	Mullin, Norman King	50	290	612	240	209	197	479	378	208	129	85
	567	Munroe, Kenneth Harris	50	688	168	533	535	604	557	397	513	491	265
	422	Munson, Floyd Nestor	230	109	180	632	513	457	312	463	356	178	541
	585	Murdock, Robert Harry	386	204	429	665	603	602	588	451	456	663	336
	574	Murphy, Garrison Edmund	101	617	690	696	358	412	503	562	520	513	238
	417	Murphy, George James	636	168	284	463	374	422	285	534	427	152	395
	300	Murphy, John Andrew	163	500	85	244	328	310	135	251	260	385	650
	541	Murphy, Robert James, Jr	463	204	661	599	513	552	597	472	500	506	292
	149	Myer, George William	1	168	478	236	245	101	266	217	192	218	467
	305	Nall, Delbert Lloyd	163	409	383	305	268	278	457	345	337	451	139
	485	Neander, Stanley Brown	292	571	168	397	556	459	266	458	506	480	208

Relative standing of the midshipmen of the present first class (class of 1950), for the third year of their academic course, 705 members, June 1949—Continued

Symbol (see p. 29)	Relative standing for academic year	Name	Relative standing in— Conduct	Aptitude	Leadership	S. & N.	O. & G.	M. E.	Aviation	Math.	E. E.	E. H. & G.	Phys. Trng.
	175	Nelson, George Gordon	565	290	332	301	256	140	412	152	155	141	265
	*24	**Neustel, Arthur Donald**	1	290	225	7	119	14	78	14	6	129	583
	*8	**Niesse, John Edgar**	292	34	593	12	56	16	48	8	1	52	139
	669	Ninnis, Robert Vivian	386	242	271	591	652	685	531	643	698	578	485
	544	Nix, Henry Jude	292	693	186	612	388	486	507	524	412	417	583
	156	Noble, James Kendrick, Jr	565	635	126	277	186	97	34	110	99	66	632
	395	Noble, Thomas Iglehart	692	602	685	258	188	339	322	429	194	649	265
	261	Nolan, John Edward, Jr	463	52	478	383	489	232	621	266	327	52	376
	545	Noonan, John MacNeal	618	693	542	481	484	342	576	444	593	506	108
	373	Oberholtzer, James Paul	647	676	332	532	283	284	68	518	104	484	208
	*82	**O'Connor, Francis Edward, Jr**	697	500	294	64	25	98	48	102	64	38	74
	222	Oliver, Robert Patton	500	141	16	171	218	237	520	281	311	359	192
	369	Oliver, Robert Warren	292	13	255	431	473	497	322	414	392	320	485
	396	Olson, Stanley Howard	163	34	207	269	472	582	507	476	361	603	108
	*106	**Oltermann, John James**	50	77	414	26	225	186	228	63	129	294	376
	682	O'Malley, John Francis	386	635	618	671	676	667	670	660	621	642	524
	439	O'Neill, Thomas Francis, Jr	101	336	191	348	465	525	583	266	400	559	622
	153	O'Reilly, James Patrick, Jr	386	141	459	270	194	101	246	217	212	242	265
	379	Orem, Charles Annistone	292	90	478	246	505	379	471	548	404	595	74
	115	Ostroff, Edward Norman	463	635	116	111	157	87	177	197	42	38	622
	165	Palmerton, Leighton Robert	463	290	236	199	94	133	94	137	273	163	485
	445	Parmer, John Raymond	428	654	495	514	597	376	583	264	375	193	395
	*76	**Parode, Harlan Duane**	432	25	271	28	72	28	122	116	202	289	643
	*45	**Patterson, George Warren, III**	616	109	180	81	119	69	61	38	90	73	5
	444	Pausner, Joseph Jay, Jr	1	290	474	316	325	518	172	462	523	462	504
	*50	**Perry, Frank Marshall, Jr**	523	25	37	33	47	83	64	89	204	56	108
	*110	**Perry, Riddell Thompson**	101	654	76	23	143	81	172	23	132	210	601
tb	608	Peterson, Cedric Arthur, Jr	386	676	450	497	427	634	242	624	535	539	376
	487	Peterson, Thomas Alexander	500	571	441	479	541	357	543	538	390	377	650
	551	Pettit, Royce Edgar, Jr	386	571	396	231	548	614	274	594	546	540	314
	657	Petty, William Gordon	345	654	255	656	544	663	449	591	625	641	265
	*83	**Pfeiffer, King Woodward**	432	336	197	196	321	21	141	138	80	89	56
	*110	**Phelps, Pharo Alfred, Jr**	618	635	49	170	36	76	7	42	75	152	541
	685	Pine, Emanuel Francis	101	676	645	687	568	624	641	638	692	670	467
	648	Pleasants, Arthur Lee, III	463	290	598	611	625	605	369	576	680	673	292
	691	Pleasants, John Bagby	576	661	284	700	652	640	657	688	678	699	100
	310	Portnoy, Howard Robert	292	635	180	284	371	323	350	222	334	34	467
	540	Potter, Norman Stanley	500	635	310	660	647	462	360	127	395	462	650
	279	Powel, Samuel Franklin III	530	409	368	420	294	230	214	181	246	315	314
	399	Powell, James Richard, Jr	588	409	303	418	380	387	196	472	339	506	43
	*21	**Pravitz, William Harold**	1	204	562	7	97	11	228	7	24	161	108
	*92	**Prescott, Richard James**	101	500	229	123	52	94	17	121	70	124	622
	189	Preston, Samuel Davis, Jr	292	90	368	207	238	217	221	334	233	451	43
	161	Pride, Alfred Morine	636	500	207	135	174	144	42	181	127	227	336
tb	618	Prince, Gordon Agassiz	163	661	454	509	418	688	252	506	517	484	607
	508	Pullar, Andrew, Jr	101	460	205	332	228	527	543	612	585	408	678
	675	Purvis, Elvis Enoch	618	336	441	701	689	628	621	628	625	691	74
	313	Raab, Frank Henry	651	635	74	580	85	191	214	371	343	45	139
	492	Racy, Louis Peter	1	571	658	319	418	536	319	676	224	683	607
	515	Radcliffe, Roderick Thomas	50	204	473	462	513	571	496	560	606	422	67
	520	Rallis, Chris George	50	290	396	548	657	478	645	371	515	582	438
	365	Ransom, Louis Tobin, Jr	50	204	383	420	305	399	237	451	294	369	689
	*109	**Rasmussen, Gerald Lee**	230	242	109	203	52	157	73	104	160	49	238
	*63	**Rasmussen, James Peter, Jr**	292	52	549	147	133	62	61	171	60	185	177

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Symbol (see p. 29)	Relative standing for academic year	Name	Relative standing in— Conduct	Aptitude	Leadership	S. & N.	O. & G.	M. E.	Aviation	Math.	E. E.	E. H. & G.	Phys. Trng.
	470	Rassieur, William Theodore, Jr.	588	542	612	346	400	363	380	633	437	575	139
	116	Reagan, John Henninger	588	500	96	137	238	54	201	56	78	347	314
	*37	**Reed, Sherman Clark**	101	409	126	38	62	43	55	67	32	30	438
	495	Rees, Grover Joseph, Jr.	664	500	103	487	550	419	444	303	432	569	467
	225	Regenauer, Bernard John	230	635	393	525	174	177	332	212	73	152	664
	130	Register, Albert Layton, III	101	409	107	67	256	149	237	73	198	112	438
	*77	**Reichl, Charles John**	662	109	284	174	130	12	64	123	31	263	524
	206	Reid, John Edward	386	168	293	110	469	270	503	431	179	201	43
	264	Reitz, William Gilmore	230	64	284	215	263	275	565	314	425	201	485
	179	Ricci, William John	694	697	635	44	148	39	27	63	134	394	583
	668	Richardson, Mortimer Jules	500	409	647	602	694	622	696	624	684	694	32
	282	Ridderhof, David Melvin	559	141	142	412	204	312	117	497	270	328	27
	550	Riddle, William Morris	386	500	229	362	539	660	369	578	565	505	2
	363	Ringhausen, Robert Leo	230	409	271	563	174	426	322	400	463	10	359
	332	Ritchie, George Patterson, Jr.	230	409	524	308	542	351	621	107	323	307	265
	409	Rixey, Presley Morehead	350	336	255	374	204	336	583	231	583	477	504
	606	Robbins, Donald Kenneth	655	697	342	304	564	431	369	488	624	680	336
	557	Robertson, Charles Glasgow, Jr.	1	204	396	599	452	541	258	618	617	579	292
	673	Robinson, James Allen	230	90	573	683	617	692	613	641	696	657	238
	147	Robinson, Thomas William, Jr.	350	500	310	42	143	155	301	209	126	347	438
	528	Rockey, William Keller	576	64	319	586	505	565	565	437	604	494	265
	322	Rogers, John Thaddeus	350	409	478	383	568	209	293	112	165	654	664
	176	Rogers, Nelson Kimball	1	290	159	237	174	144	131	410	210	98	583
	*105	**Rogers, Thomas Stevenson, Jr.**	432	168	186	245	37	141	23	116	130	109	100
	117	Rollins, Wells Proctor	530	336	647	260	247	71	496	27	56	176	292
	*31	**Ross, Thomas Hugh**	163	52	126	55	28	54	42	100	66	42	524
	447	Roth, Franklin Herold	576	409	310	350	532	574	369	544	450	93	32
	315	Rowe, Bruce Winden	350	409	310	192	397	323	332	389	258	471	422
	412	Royal, Lee Ray	163	635	406	477	400	404	484	345	230	434	583
	215	Ruble, Byron Crabbe	1	204	186	246	231	213	403	138	300	497	265
	481	Rule, Adrian Ogle, III	160	602	244	514	445	551	419	497	322	491	395
	615	Ruos, George Vandenburg, Jr.	50	500	641	571	657	579	322	497	648	494	504
	*112	**Ryan, John James, Jr.**	163	242	91	100	290	106	201	169	47	179	672
	336	Ryan, Philip Joseph	230	4	630	184	509	478	188	660	417	227	122
	321	Saltsman, Thomas Haley	282	109	429	349	489	278	109	463	231	513	541
	168	Satre, Robert Scott	101	290	64	108	276	164	188	177	274	112	583
	622	Satterlee, Richard Westlake	500	290	319	672	587	603	403	618	498	593	650
	456	Sattler, Donald Charles	432	290	641	478	460	483	520	394	489	347	177
	380	Saunders, Donald Burdette	383	409	450	290	618	386	594	323	239	417	504
	126	Saunders, Joedan Judd	523	34	197	253	287	181	428	71	98	310	208
	*67	**Sax, Joe**	500	336	107	34	180	35	141	105	35	134	583
	246	Schenker, Marvin Leonard	500	542	159	296	238	298	118	89	211	290	177
	598	Schettino, Joseph Nicholas	386	64	180	680	588	616	645	696	567	608	9
	559	Schlappi, Marvin Victor, Jr.	163	617	255	566	494	521	457	613	540	392	395
	*66	**Schneider, Robert Philip**	230	64	549	22	158	108	214	37	135	320	36
	457	Schultz, Jesse Zephaniah	618	336	495	315	473	484	603	529	301	608	541
	579	Schultz, Milton John, Jr.	1	109	174	652	306	581	597	685	669	239	504
	306	Schwefel, William George	101	635	193	493	173	296	122	201	256	336	395
	198	Schwind, William Steuer	672	571	368	334	256	139	84	303	110	102	56
	570	Scribner, Henry Irving, Jr.	500	661	466	502	604	467	625	444	576	535	160
	*61	**Seeley, George Hill**	500	336	225	136	48	48	98	16	71	164	265
	529	Seipp, Russell Martin	230	571	342	377	622	487	507	524	491	663	139
	268	Sellar, Charles Burt Paul	50	460	356	162	331	227	188	437	328	473	27
	279	Shannon, Rickard William	675	242	300	360	94	275	84	354	262	346	85

Relative standing of the midshipmen of the present first class (class of 1950), for the third year of their academic course, 705 members, June 1949 – Continued

Symbol (see p. 29)	Relative standing for academic year	Name	Relative standing in— Conduct	Aptitude	Leadership	S. & N.	O. & G.	M. E.	Aviation	Math.	E. E.	E. H. & G.	Phys. Trng.
	581	Sharp, Tilghman Hollyday, Jr	50	654	255	528	421	588	520	586	586	270	601
	254	Sharpe, William King	1	290	244	340	306	193	360	427	149	254	695
Howard	*86	**Shartel, Austin**	386	8	119	165	202	148	246	114	147	105	85
	337	Sheridan, Richard Brinsley	101	168	41	512	374	326	380	351	443	218	122
	256	Sherman, Thomas Hanson, Jr	1	460	67	239	105	322	161	566	233	193	265
	568	Shero, Ronald David	703	661	478	657	564	504	531	368	218	582	208
	236	Shick, George Barton, Jr	101	168	76	130	139	260	89	349	479	119	504
	628	Shultz, Robert Treat	101	336	562	627	685	632	680	567	505	585	562
	*51	**Sieg, John Simpson**	163	242	58	109	48	59	166	89	29	80	607
	407	Siegmeister, Robert	664	460	142	273	424	327	94	193	393	669	438
	607	Simons, William Edward	684	500	383	407	637	605	520	562	595	621	27
	604	Sinlao, Federico Paragas	608	336	255	608	432	576	645	613	592	606	395
	548	Sivright, John Avery	618	242	180	544	583	588	637	632	446	384	238
	269	Skelton, Homer Ray	1	25	658	459	194	307	109	357	299	573	139
	271	Skien, John Defoe	101	242	542	383	196	443	507	288	150	164	336
	*1	**Skinner, Clifford Admiral, Jr**	1	8	46	10	3	3	22	1	2	5	376
	217	Smith, Edgar Mitchell, Jr	230	242	524	139	306	169	322	160	320	575	74
	290	Smith, Edward Lyman	576	141	329	120	382	291	403	328	410	218	336
	*43	**Smith, Floyd Ames**	50	34	91	19	72	89	12	152	141	242	36
tb	552	Smith, George Callaway, Jr	350	676	44	539	505	531	503	362	618	225	438
	*87	**Smith, Leon Wayne**	292	4	121	153	290	111	332	89	136	307	139
	333	Smith, Philip Wright	617	90	558	190	406	399	341	298	351	444	208
	286	Smith, Richard Melville	50	242	16	380	231	361	188	342	301	336	238
	355	Smith, Robert Elbridge	386	500	423	325	316	437	68	303	238	573	314
	497	Smith, Robert Eugene	50	77	207	527	525	533	635	520	655	189	359
	*84	**Smith, Robert Gillon**	292	77	45	204	238	127	266	35	97	109	192
	296	Smith, Robert McLanahan, Jr	163	542	207	261	101	302	188	264	265	608	562
	140	Smoot, William Norris	655	661	524	163	209	52	131	29	63	148	678
	664	Snyder, Collins	432	571	558	681	623	608	610	677	631	552	524
	201	Snyder, John Charles	432	617	578	382	90	99	350	80	125	242	689
	*36	**Snyder, Roy Dietrich, Jr**	530	25	586	97	58	53	29	53	106	80	2
	522	Snyder, Richard Edmund	655	617	218	316	372	499	228	357	638	401	336
	457	Solomon, Jerome Edward, Jr	101	409	368	354	498	429	347	502	492	401	607
	462	Somogye, Roy Stephen	457	409	612	471	568	444	613	362	443	278	395
	509	Soteropulos, Paul Stephen	552	77	14	517	348	537	537	685	581	291	504
	*70	**Space, David Jewell**	350	409	58	52	110	25	274	56	96	347	208
	596	Spayde, Keith Crawford, Jr	681	34	495	486	545	658	565	553	623	525	376
	357	Speaker, Edwin Ellis	101	500	332	437	392	363	350	397	216	618	139
	360	Spiller, John Herman, Jr	230	52	329	435	325	461	369	345	462	527	20
	177	Spradling, Wilbur Rodney, Jr	386	109	319	220	203	199	207	214	206	138	632
	438	Springer, Roy Marinor, Jr	101	336	76	594	196	490	157	544	454	444	177
	159	Sproull, Howard Ellway, Jr	230	34	383	308	364	186	551	302	108	377	108
	*39	**Stange, LaVerne Gerhard**	1	109	207	86	9	88	98	66	44	176	314
	*33	**Stapp, Aron Lawrence**	565	20	26	121	34	49	64	74	107	13	314
	230	Stella, Edward Cataldo	386	409	119	277	281	203	166	160	278	137	632
	188	Sterner, Francis Joseph	1	290	478	263	174	101	258	201	313	242	562
	*95	**Stetson, John Boydston**	655	500	2	113	61	54	266	123	85	109	359
	418	Still, Richard Lee	1	168	20	336	518	552	369	400	442	171	682
	641	Stimler, Richard Paul	432	676	454	673	513	555	657	556	482	696	607
tinson	692	Stimson, John Goddard	618	542	630	667	697	655	588	640	703	636	438
	431	Stone, Bruce Goodwin	1	204	236	523	245	481	369	578	409	285	682
	319	Stone, Douglas Dacre, Jr	50	500	618	494	225	315	419	230	287	218	438
	455	Stull, Donald	292	571	537	196	148	373	428	624	639	497	238
	124	Sullivan, Dennis Bernard	576	500	604	84	358	85	45	49	45	422	292

Relative standing of the midshipmen of the present first class (class of 1950), for the third year of their academic course, 705 members, June 1949—Continued

Symbol (see p. 29)	Relative standing for academic year	Name	Relative standing in— Conduct	Aptitude	Leadership	S. & N.	O. & G.	M. E.	Aviation	Math.	E. E.	E. H. & G.	Phys. Trng.
	411	Suraci, Anthony Frank	636	617	414	399	380	240	380	418	368	258	580
	587	Taylor, Daniel David	636	13	537	456	631	610	594	663	605	628	265
	616	Taylor, Francis Clephen	1	409	666	649	529	624	688	607	502	701	177
	460	Taylor, Richard Elward	457	168	109	619	518	431	341	231	577	359	314
tb	605	Taylor, William Blakely	556	617	578	467	568	494	678	425	574	671	678
	252	Taylor, William Stuart	230	409	454	163	382	174	479	261	305	251	467
	620	Terrell, Fred Worrell, Jr	565	290	537	383	664	562	691	673	567	639	622
	199	Thom, Norman Richard	384	336	310	128	294	177	293	219	270	129	467
	334	Thompson, Theodore Orville	608	460	441	155	91	229	153	405	437	497	562
	230	Thompson, William Bristol, Jr	350	460	549	217	208	292	214	193	228	189	292
	597	Thro, Clinton John, Jr	282	109	168	634	318	579	664	633	676	554	562
	244	Thurston, Dick Wright	163	409	207	398	166	247	122	244	267	242	238
	652	Todd, James Alvin	463	542	132	577	505	685	491	677	642	440	485
	655	Totri, John Michael, Jr	457	336	688	659	659	533	444	656	666	659	376
	402	Treado, Marshall John	282	141	478	401	498	379	107	376	475	451	314
	518	Trevillyan, Jacques Farus	1	90	7	559	672	634	631	589	532	152	192
	465	Tripp, Daryle Elwyn	386	460	506	438	405	495	246	467	429	401	485
tb	158	Trotter, Robert Joseph	608	693	516	102	424	89	172	10	77	242	438
	451	Van, George Elward	226	168	618	268	562	474	576	513	461	546	524
	633	Vander Vennet, Kenneth Roger	702	571	423	569	464	584	678	596	508	520	622
	539	Van Kleeck, Justin Laing	552	109	549	574	542	539	543	405	577	646	139
	582	Vincent, Hal Wellman	425	336	358	587	636	591	613	414	640	513	18
	277	Vines, Thomas Edward	588	617	586	65	99	177	578	138	460	297	238
	592	Vining, Adrian DeWitt	672	688	148	456	556	484	684	524	527	277	664
	618	Vosseller, James Byrne	50	168	271	634	583	650	565	623	648	676	20
	241	Vytlacil, Nicholas, Jr	664	693	562	142	153	158	149	272	200	143	122
	*23	**Wagner, Walter Richard**	496	242	218	46	26	12	17	29	51	14	108
	400	Walecka, Norbert Joseph	163	204	94	521	564	358	221	548	371	164	467
	688	Walker, Robert Williams	101	90	437	703	660	700	684	578	679	606	607
	*93	**Waller, Alexander Ernest, Jr**	588	109	49	126	24	77	46	314	194	42	292
	311	Walsh, Harold Vincent, Jr	432	571	193	270	501	288	380	238	419	34	85
	586	Walsh, John Edward, Jr	289	290	157	640	550	510	565	544	644	310	601
	491	Watson, Edward Robert	1	242	368	291	647	393	307	444	612	589	607
	442	Webb, Davis Long	350	661	562	539	238	434	380	410	372	252	422
	371	Webb, Richard Christopher, III	689	634	358	132	372	237	350	318	344	408	583
	344	Weedlun, Russell Duane	230	460	639	246	518	346	645	177	252	546	314
	*74	**Welsh, Richard Warren**	101	336	592	52	358	89	78	20	26	234	238
	466	Weymouth, Burton Richard	101	204	698	642	351	499	380	357	381	559	376
	523	Whaley, William Semmes	163	409	537	523	574	428	285	513	525	654	438
	*6	**Whipple, Caryll Robbins**	230	141	5	17	10	31	4	4	14	8	85
	134	White, Adam Clarke	1	460	67	91	143	167	135	181	214	124	192
	446	White, Allie Bryce, Jr	101	542	459	443	612	404	551	425	389	377	467
	162	White, Alexander Jacob, Jr	432	336	524	143	89	124	122	219	220	204	562
	660	White, Robert James	350	204	406	681	676	687	625	522	690	336	422
tb	595	Whitehead, Richard Thomas	1	500	109	561	625	677	675	567	473	527	192
	590	Whitelaw, Robert	101	500	516	572	667	593	605	534	463	639	292
	555	Whitesell, Robert Dougherty	230	34	16	556	578	630	246	551	671	369	438
b17	650	Whitley, Walter Jenkins	230	34	157	678	702	657	691	607	635	652	395
	610	Whittle, William Brooks	432	242	319	637	430	679	341	597	580	513	314
	169	Wilkins, James Rudyard, Jr	565	242	12	151	166	199	131	67	241	414	265
	685	Willard, Daniel David Milne	386	542	516	689	539	682	428	670	697	590	504
b	672	Williams, Isham Rowland, Jr	101	500	593	626	631	665	657	652	677	633	686
	666	Wills, James Washington, Jr	606	242	255	642	696	616	682	663	661	677	177
	681	Wilson, James Irwin	664	336	630	578	671	654	457	692	702	590	192

Relative standing of the midshipmen of the present first class (class of 1950), for the third year of their academic course, 705 members, June 1949—Continued

Symbol (see p. 29)	Relative standing for academic year	Name	Relative standing in—										
			Conduct	Aptitude	Leadership	S. & N.	O. & G.	M. E.	Aviation	Math.	E. E.	E. H. & G.	Phys. Trng.
	689	Wilson, Keith Charles	559	542	495	629	690	697	694	636	613	559	692
	127	Wilson, William Wellington	463	635	319	106	143	146	78	181	86	66	265
	251	Wise, Robert Emanuel	588	688	142	350	306	234	578	171	60	134	504
	191	Wiseman, Richard Ferd	425	460	358	114	410	209	449	225	198	234	32
	*35	**Wisenbaker, Eugene Morgan**	1	109	109	190	72	64	153	80	57	17	52
	*64	**Wood, Peter Wright**	1	168	20	35	110	81	7	97	143	73	376
	609	Woodman, Gordon Paul	432	654	186	350	700	454	565	553	602	626	541
	556	Wooldridge, Edmund Tyler, Jr	386	460	578	505	604	509	457	589	561	484	208
	549	Wright, William Brissey	50	290	573	587	392	472	449	431	682	491	422
	278	Wulftange, William Herbert	460	141	271	414	469	223	537	251	226	297	395
	437	Wunch, Edward Robert Philip	647	701	558	430	318	199	514	258	308	377	696
	428	Wunderlich, Robert	50	242	186	373	400	515	434	467	509	315	265
	236	Young, Casanave Howle, Jr	50	654	85	229	218	236	177	160	291	93	422
	211	Young, Frank Levi	163	336	396	281	290	169	274	314	239	278	56
	415	Young, Joseph Mack, Jr	163	141	441	344	536	562	380	405	326	631	74
	698	Young, Stephen Cassin	523	500	578	691	684	704	664	704	674	497	208
	*44	**Zetkov, George Anthony**	230	77	55	85	185	24	201	10	183	143	43

PRESENT SECOND CLASS

Relative standing of the midshipmen of the present second class (class of 1951), for the second year of their academic course, 774 members, June 1949

Symbol (see p. 29)	Relative standing for academic year	Name	Relative standing in— Conduct	Aptitude	M. E.	Math.	E. E.	E. H. & G.	Foreign Langs.	Hygiene	Phys. Trng.
	530	Adams, Henry Hayes, Jr	438	675	576	491	518	487	235	686	661
	535	Adams, Robert Lee, Jr	765	152	362	452	554	425	615	566	356
	192	Adler, Robert Earl	218	578	156	108	383	70	509	1	661
	*48	**Alexander, Henry Kleeb, Jr**	162	234	54	13	24	471	198	502	430
	619	Allen, John Edwin	403	465	671	503	463	697	615	121	696
	242	Allender, Gene Taylor	291	351	444	197	164	153	453	350	467
tb	564	Allsman, Robert Lynn	101	81	560	666	494	399	493	316	722
	766	Alvis, John Gilliard	757	675	725	739	731	687	763	237	356
	194	Anderson, Norris Oscar, Jr	291	406	119	267	181	303	225	237	722
	343	Anderson, Stanley Joseph	218	9	246	403	403	217	681	287	177
	720	Anderton, Richard Leo	686	658	672	601	765	471	710	129	338
	676	Applegarth, Samuel Hubert, Jr	1	290	718	635	756	525	364	524	696
	119	Ardell, George Graham	162	59	50	310	142	212	100	29	204
	*59	**Armstrong, John Ellis**	46	351	90	69	68	198	132	524	107
	565	Arn, Robert Warren	342	737	521	551	509	459	540	166	338
	110	Arnold, Henry Charles, Jr	46	59	103	75	124	129	478	590	487
	233	Arst, Philip Lawrence	762	724	149	156	147	290	424	590	262
tb	484	Aston, William Joseph	636	181	541	492	422	84	648	350	748
	124	Austin, William Milnes, Jr	600	152	65	224	169	118	161	53	67
	463	Avila, Miguel Enrique	653	608	380	307	349	770	264	630	430
	646	Bacon, James Alton	449	119	571	658	703	522	677	470	17
	179	Bailey, Harvey Thomas	218	181	179	104	273	237	346	470	597
	270	Baird, Weldon Ralph	162	520	177	419	196	82	401	129	743
	311	Baker, James Ellis, Jr	526	635	338	478	473	130	9	655	532
	130	Bakke, Harlan James	767	658	96	123	47	191	227	129	467
	377	Balderston, Francis Gene	101	59	396	404	305	279	615	729	356
	656	Baldwin, Robert Arthur	46	4	678	581	752	685	626	667	204
4†	735	Ballou, Charles Davison	573	520	511	769	743	504	686	36	704
	456	Baltz, Dickey Lee	1	406	490	515	463	459	371	81	574
	185	Banks, William Oakley	162	406	230	168	263	399	212	101	17
	635	Bannerman, David Vance	492	465	616	648	569	678	481	749	57
	460	Banta, William	162	181	284	570	581	178	559	626	454
	734	Barbazette, William Francis	101	290	723	761	722	568	556	611	743
	403	Barnes, Clifford Paul	46	152	412	497	452	437	329	166	262
	562	Barnes, James Peter	536	351	649	659	543	421	142	739	386
	482	Barney, Glenn Palmer	218	351	509	371	438	608	594	237	704
	568	Bartenfeld, Thomas Augustus, Jr	579	520	566	598	596	404	398	470	262
	351	Bartholomew, John Lewis	438	635	235	420	331	671	81	749	487
	712	Bartuska, Anthony John	1	81	748	686	745	648	592	686	91
	189	Barunas, George Aloysius, Jr	607	706	222	173	110	181	348	470	356
	426	Bassett, Govert Loockerman	403	119	238	562	296	427	658	287	204
	322	Batchelder, Merton Jennings, Jr	162	465	208	316	222	697	374	406	430
	280	Bauer, Edward Clark	332	119	83	526	199	515	309	350	79
	144	Baulch, Henry Leigh	403	406	176	240	167	214	45	211	454
	624	Baurichter, Ralph Russell	342	234	643	671	546	747	244	716	157
	427	Baxter, Robert Charles	291	99	347	459	493	346	463	694	467

Relative standing of the midshipmen of the present second class (class of 1951), for the second year of their academic course, 774 members, June 1949—Continued

Symbol (see p. 29)	Relative standing for academic year	Name	Relative standing in— Conduct	Aptitude	M. E.	Math	E. E.	E. H. & G.	Foreign langs.	Hygiene	Phys trng.
	*63	**Beasley, James Wiley**	46	81	22	88	32	220	518	7	57
	461	Beattie, Thomas Tyler, Jr	342	234	468	575	302	399	633	350	79
	541	Beck, Donald Miller	342	45	498	550	501	600	609	739	32
	204	Beck, Stuart Morgan	523	465	499	211	262	164	53	350	314
	583	Becker, John Irving	492	290	526	688	546	451	507	15	262
	317	Belk, Reece Griffin, Jr	99	45	358	369	452	604	130	590	204
	633	Bell, William John	536	725	621	632	389	604	664	287	123
	609	Benjovsky, Victor Cokayne	162	119	705	485	759	509	412	53	338
	344	Berga, John Orrin	636	520	269	306	309	358	428	524	597
	286	Bergesen, Andrew John	568	406	529	251	336	408	89	502	143
	757	Berrier, John Theodore	713	772	737	686	727	589	712	438	574
	691	Berry, George Hand, Jr	342	520	721	710	575	447	521	729	713
	252	Berzon, Samuel Phillip	291	658	566	145	279	72	258	566	671
tb	510	Bibby, Lowe Haydn, III	739	81	591	406	523	314	650	29	314
	707	Biddle, Everett Dale, Jr	483	635	696	602	744	554	626	166	574
	282	Biederman, Richard Joseph	492	737	283	140	218	463	432	502	550
	517	Billingslea, Clement Dixon	748	119	584	519	653	608	150	15	23
	594	Bills, Robert Gorwood	280	181	428	588	444	736	695	655	262
	660	Birch, Paul Russell	489	706	715	411	594	754	496	211	661
	545	Biron, Joseph Edward	218	692	515	424	327	689	633	641	574
	745	Bivenour, Charles Arthur, Jr	734	520	389	760	748	697	758	438	177
	386	Black, Donald Leo	1	706	323	335	335	444	516	166	515
	330	Blackwell, William Dinsmore	536	351	515	127	227	413	723	166	(1)
	154	Boakes, William Howard	403	181	251	44	94	750	274	147	123
	215	Bobbitt, Charles Patrick, Jr	291	406	315	188	237	531	161	524	123
	543	Bobo, Stephen Norton, Jr	701	234	454	676	370	354	551	129	143
	705	Bolt, Leland Ernet	708	406	745	538	711	634	556	211	743
	503	Bowden, Jackson Huffman	760	725	525	313	448	279	527	694	515
tb	529	Bowen, Albert Sidney, III	162	608	553	475	463	622	478	15	641
	145	Bowen, Jack Winnree	342	59	163	189	159	50	277	406	733
	*56	**Bowling, William Harrison**	526	234	53	96	35	358	61	470	143
	563	Boyce, Thomas Arthur	579	181	645	619	609	283	266	675	487
	415	Boyes, William Walter, Jr	162	608	546	474	499	60	415	53	454
	605	Bradley, Robert Reid	579	119	302	679	726	681	315	524	574
	458	Brady, Allen Colby	607	520	269	565	513	588	306	350	67
	299	Brame, Horace Lane	523	290	135	259	431	564	363	237	356
	187	Branch, Alvin Deon	403	520	326	32	329	339	358	211	57
	117	Bray, Joseph Alfred, Jr	291	290	334	53	147	98	329	101	2
	763	Breen, Matthew Joseph	636	658	743	740	627	761	706	729	729
	339	Bregman, Robert Bruce	492	658	399	322	471	194	208	287	550
	95	Brenkle, Joseph Phillip	492	465	137	103	22	351	283	211	67
	761	Brennan, John Bernard, III	757	768	761	677	719	714	688	53	574
	*73	**Bres, John Henry**	162	234	157	118	152	53	6	694	686
	*70	**Brettschneider, Carl August**	162	81	148	134	87	112	50	524	550
	310	Brewer, Donald Atwood	1	351	399	309	222	543	290	406	651
	614	Brewer, Glenn Milton	536	578	378	544	454	747	714	147	550
	241	Brodie, Robert, III	158	20	96	327	311	323	493	237	204
	294	Brown, Gerald Allen	690	351	370	262	303	101	408	316	487
	469	Brown, Jack Darwin	335	608	593	266	366	271	761	237	704
	441	Brown, James Richard	403	152	569	462	593	666	107	406	57
	389	Bruch, Herbert Waldemar	218	119	302	504	400	223	531	406	177
	747	Brumfiel, Robert Thomas	660	758	739	696	762	318	653	287	696

(1) Due to temporary physical disability, unable to complete required work in Physical Training. A calculated average was used in the computation of relative standing assigned for third class year.

Relative standing of the midshipmen of the present second class (class of 1951), for the second year of their academic course, 774 members, June 1949—Continued

Symbol (see p. 29)	Relative standing for academic year	Name	Relative standing in— Conduct	Aptitude	M. E.	Math.	E. E.	E. H. & G.	Foreign langs.	Hygiene	Phys. trng.
	335	Buck, John Addison	636	290	276	620	387	171	75	287	338
1	*34	**Buckstaff, Sinclair**	449	658	11	30	16	323	111	53	32
	243	Burke, Sidney Pat	665	45	344	248	285	158	396	316	17
	*57	**Burkhalter, Edward Allen, Jr**	342	59	128	87	72	96	198	166	32
	662	Burley, Newton Samuel	449	406	348	628	577	709	736	675	641
	685	Burnett, James Andrew	449	181	750	718	676	676	277	590	79
	389	Burns, Thomas Stephen	335	99	296	545	560	149	368	147	204
	191	Busse, Norman Westphal	492	520	431	256	194	83	121	1	430
	370	Butts, John Lewis	283	234	502	579	459	91	91	590	574
	186	Buzzell, Carlisle Willis, Jr	218	119	502	146	113	664	146	686	23
	345	Byrne, Paul Sheldon, Jr	162	290	334	269	410	327	514	729	262
	466	Callahan, Earle Raymond	438	406	556	412	339	581	592	463	177
	*71	**Campbell, William Edward, Jr**	342	635	58	22	10	223	467	350	467
tb	709	Capshaw, Leigh Richmond	101	290	740	545	746	619	684	655	597
	*26	**Carius, Robert Wilhelm**	1	35	32	84	56	149	81	53	79
	420	Carlson, Erland Norman, Jr	526	181	598	380	601	516	131	165	314
	*29	**Carr, John Benjamin, Jr**	1	234	26	55	39	49	192	81	231
	269	Carson, Theodore Kit	162	152	332	195	200	646	371	316	550
	240	Carter, Edward Walter, III	218	675	431	289	147	203	182	287	597
	293	Carter, Robert Barnhill	713	152	553	222	391	547	19	675	487
	581	Casale, Salvatore Arthur	162	465	679	465	579	683	423	316	597
	622	Cashman, Patrick Joseph, Jr	218	99	722	655	714	318	412	81	79
	654	Catalano, Lee Charles	101	290	602	564	712	591	657	463	661
	524	Cauffman, Charles Edward	101	520	367	525	654	252	537	276	651
	727	Chapman, Cecil Dee	101	7	753	719	727	478	751	590	574
	666	Chapman, Darrell Scott	650	20	685	628	613	540	722	237	314
	693	Charles, William Olwyn	636	520	410	650	641	581	771	470	574
	244	Cherry, Robert Carter	342	25	256	377	484	378	42	166	177
	596	Chertavian, Armen	218	692	543	571	494	426	502	729	756
	193	Childs, Richard Virgil	526	99	138	401	165	314	155	28	406
	111	Christner, Wallace Gilbert	291	608	115	73	217	48	216	463	296
	153	Christoforo, William Guy	751	706	95	109	92	142	258	655	696
	178	Church, Archer Edward, Jr	291	658	144	99	129	478	484	316	338
	385	Ciamprone, Vincent Pancrazio	757	406	286	317	397	434	361	36	625
	*67	**Clark, Edward Paul**	1	520	54	72	51	214	179	129	515
	364	Clausner, Edward, Jr	536	234	370	284	420	419	556	101	296
	155	Cochrane, John Campbell, Jr	386	234	125	164	238	50	421	166	123
	159	Cole, Donald Conklin	46	16	109	319	178	383	168	53	204
	278	Cole, Donald King	291	608	311	135	312	642	311	36	641
b	708	Coleman, John William	218	706	749	673	674	487	457	237	686
	*75	**Coleman, Robert Irvine, Jr**	46	406	180	33	133	168	118	350	107
	*4	**Compton, Bryan Whitfield, Jr**	492	520	12	3	4	80	116	101	67
	307	Conlin, Thomas Patrick	46	4	382	573	389	52	334	237	177
	349	Conlon, Frank Stevenson	215	234	333	340	442	294	380	667	356
	263	Connor, Gerald "B"	660	692	248	228	170	269	440	406	177
	701	Cooper, James Henry	678	119	687	612	692	551	743	590	204
	555	Cooper, John Watson	449	520	451	596	563	200	668	566	107
1	341	Cooper, Thomas Lee	725	758	376	555	241	434	7	237	204
	94	Cornwell, Robert Ryle	342	152	67	96	41	305	463	81	143
	256	Corrigan, Joseph Patrick, III	629	234	312	162	204	318	471	729	231
	141	Corwen, Albert Simon	101	152	212	158	180	118	184	350	515
	212	Courtright, Carl	607	152	235	193	181	649	198	524	231
	367	Cowan, Thomas Shephard, Jr	218	234	437	437	363	440	362	101	91
	504	Crandall, Hal Russell	1	181	348	576	386	506	701	615	356

Relative standing of the midshipmen of the present second class (class of 1951), for the second year of their academic course, 774 members, June 1949—Continued

Symbol (see p. 29)	Relative standing for academic year	Name	Relative standing in— Conduct	Aptitude	M. E.	Math.	E. E.	E. H. & G.	Foreign langs.	Hygiene	Phys. trng.
	752	Craven, William Patrick	573	578	660	689	738	726	765	749	177
	*31	**Crawford, Richard Newcomb**	492	234	23	58	20	104	124	166	157
	683	Crews, Alvan Macauley	772	768	529	489	622	529	727	438	123
	765	Cromwell, John Philip, Jr	713	290	759	765	734	628	731	350	406
	513	Crowder, James Price, Jr	492	520	663	334	286	731	428	716	696
	738	Cruise, Joe Nelson	342	234	702	759	756	707	496	350	625
	*72	**Cullen, Gerald Thomas**	492	181	90	76	52	178	222	350	67
	459	Cullins, Peter Kendall	773	725	636	148	543	286	566	29	17
	479	Cunningham, Melville Dexter	46	16	552	663	589	144	451	101	231
	686	Cunningham, Richard Burton	774	465	631	357	671	742	644	749	386
	437	Currie, Edgar Irving	492	181	310	297	523	702	639	166	67
	490	Dailey, Joseph Edward	708	658	482	381	456	459	519	641	177
	550	Dalla Mura, Richard Anthony [2]	342	181	486	651	718	59	582	15	204
	*55	**Daniels, William Stanbert**	101	119	38	67	46	506	187	166	2
	430	Danis, Anthony Leo, Jr	579	152	338	585	372	358	420	502	143
	*83	**Danner, William Porter**	636	59	31	78	26	403	391	287	356
	590	Davies, William Ronald	492	578	356	520	475	543	767	350	467
	584	Dean, Richard Whittingham	291	234	368	590	257	771	609	470	532
	627	Degnan, Francis Joseph	101	45	588	717	750	552	258	590	356
	*51	**DeGroot, Ward Walton, III**	725	20	42	120	125	38	98	7	177
	673	Derby, George Kidder	46	181	607	592	715	622	713	81	722
	246	Desrosiers, Roland Joseph	101	406	462	277	527	498	1	287	262
tb	308	Dewing, Jay Norman	218	351	154	255	205	622	584	287	722
	232	Diers, Charles Edward	101	692	142	180	221	374	447	81	597
	283	Dietrich, Henry Thornton, Jr	280	635	395	298	507	112	173	129	32
	678	Dinegar, Wilbur Ward	291	635	677	738	594	92	686	287	651
	359	Dion, Paul Louis	1	25	312	644	472	385	94	524	231
	214	Dittmar, Louis Clinton	291	234	182	280	190	571	256	211	107
	116	Dobbins, John Byrne, Jr	449	465	116	98	99	368	195	316	157
	*62	**Doering, Eugene Richard**	46	234	15	70	107	293	139	81	550
	376	Doggett, Burton Lee, Jr	677	465	297	287	374	585	514	166	157
	167	Donabedian, Haig	1	1	93	438	254	111	182	287	177
4	764	Donovan, Richard Edwin	750	692	728	770	767	506	205	641	686
	640	Drake, Walter Millard, Jr	697	776	627	621	394	608	424	590	430
	469	Drew, Roger Leslie	483	181	497	358	563	447	685	350	47
	536	Duke, Charles Bauer, Jr	218	351	398	510	644	194	619	237	713
	264	Duke, Marvin Leonard	162	406	256	247	374	175	292	694	430
	306	Duncan, William Bryan	291	81	359	274	290	564	277	667	597
	324	Dungan, John David	101	234	212	490	325	388	218	101	550
	388	Dunn, Robert Francis	636	465	493	312	597	77	356	81	641
	662	Dusch, Donald Duane	536	99	765	572	747	619	193	470	406
b 8	423	Earl, William Clyde	101	351	441	310	344	556	708	470	107
	452	East, Robert Charles, Jr	536	725	532	609	369	423	142	7	204
	*38	**Ehrite, Ernest Edward**	46	234	130	124	43	23	36	29	651
	*11	**Eckert, Richard Holvey**	162	59	8	6	18	207	89	237	123
9	744	Edwards, Julian Burriss, Jr	769	753	755	708	727	633	323	588	597
	631	Edwards, Thomas Craven	386	520	666	584	685	368	474	350	641
	95	Ekeren, Halvor Martin	449	465	112	46	176	181	165	350	231
	508	Entstrasser, John Jay, Jr	218	465	648	386	536	600	258	470	753
	*75	**Estes, Dana, II**	765	520	40	61	81	194	61	686	91
	532	Etchison, Frank Leslie, Jr	394	465	306	648	676	266	410	287	107
	598	Evans, Daniel Howard, Jr	162	181	633	589	708	509	391	712	204

[2] Name changed from Richard Dalla Mura.

Relative standing of the midshipmen of the present second class (class of 1951), for the second year of their academic course, 774 members, June 1949—Continued

Symbol (see p. 20)	Relative standing for academic year	Name	Relative standing in— Conduct	Aptitude	M. E.	Math.	E. E.	E. H. & G.	Foreign langs.	Hygiene	Phys. trng.
	166	Farrell, John Roger	45	465	195	131	191	358	345	81	107
	447	Fasulo, Robert Peter	342	45	500	390	476	432	546	744	296
	147	Feldheim, Robert Jay	162	59	164	217	218	60	235	81	467
	354	Fernandez, Antonio Manuel, Jr	770	608	413	350	358	484	72	686	386
	629	Ferree, David Frederick	342	520	223	623	474	714	768	237	597
1	106	Finck, Edward Reinhold, Jr	162	351	215	171	101	67	98	590	356
	345	Findley, Allen	342	59	253	423	534	194	334	502	467
	522	Fitzpatrick, Joseph Anthony	713	406	563	402	601	358	358	749	430
	425	Fletcher, Charles Douglass	101	181	217	529	463	262	623	470	262
	235	Flynn, Edward Dunne	218	608	326	235	174	447	161	749	314
	405	Foley, James Edgar	579	234	593	389	437	257	351	686	23
	505	Fonda, Frederick Martin, Jr	394	608	308	417	426	645	704	655	143
	642	Fontaine, Richard Kern	342	351	676	498	670	498	732	566	32
	394	Forrester, James Elbert	46	25	431	479	461	191	559	287	314
	231	Foster, William Feeny	403	635	463	186	333	175	78	211	597
	444	Fourzan, Osvaldo Marquez	1	25	607	375	615	484	391	53	467
	401	Francis, John Paul	536	692	417	426	286	537	243	350	625
	363	Franke, Richard Dean	101	181	463	428	494	139	315	7	641
	428	Frasca, William Hammersley	403	465	437	368	483	578	248	166	759
b 8	567	French, Walter Huntt, Jr	713	350	537	436	523	714	527	590	231
	*47	**Friedman, Arthur Charles**	449	658	79	31	11	235	177	350	177
	250	Frost, William LeRoy	701	753	277	274	220	161	197	15	231
	*61	**Fuchs, Stanley**	492	351	174	60	73	168	40	524	356
	*54	**Fuller, Joe Ed**	218	578	42	16	43	151	276	438	454
	253	Fuller, Robert Byron	101	99	106	304	295	421	457	316	314
	725	Furlow, Charles Marvin, III	218	675	733	742	636	309	700	129	671
	716	Gallagher, Paul Ambrose	342	745	622	611	706	671	690	502	651
	300	Gamber, Harold William	483	290	353	296	357	652	158	350	17
	682	Gambke, Frederick Chandler	607	234	726	628	699	509	554	438	296
	471	Gangloff, Charles Anthony	386	59	482	513	235	696	694	53	262
	*35	**Gardner, Richmond**	1	59	19	129	49	22	136	237	597
	597	Garofalo, Joseph Thomas, Jr	636	608	611	582	560	246	527	749	532
	181	Gaske, Marvin Colgan	629	658	394	235	69	170	215	129	356
	728	Gauldin, Homer Cecil, Jr	386	406	704	720	644	596	728	101	713
	207	Genter, Robert Edwin	218	234	269	85	157	600	531	406	356
	314	Ghysels, David George	665	635	368	335	238	107	574	524	386
	323	Giesen, Herman Mills	1	465	317	450	216	230	453	406	177
	*25	**Gilbert, Ralph James**	403	290	82	89	83	2	9	590	314
	270	Gilchrist, John Foster, II	665	234	403	174	236	463	342	350	204
	281	Gillen, Thomas William	403	578	644	246	162	334	119	524	641
	139	Gillespie, Charles Rodgers, Jr	536	119	18	190	186	404	208	463	231
	180	Gilman, Cooper Lee	536	578	217	210	238	164	150	129	47
	361	Ginder, Herman Adam	101	465	209	203	348	760	364	350	765
	549	Ginder, Samuel Paul, Jr	665	290	573	498	546	496	471	36	515
	*43	**Ginter, Clarence Marshall, Jr**	218	81	101	22	27	492	83	694	79
	190	Gleason, George Lawrence	162	290	232	335	296	303	17	166	314
	751	Glenn, Leo, Jr	713	635	757	626	689	721	753	53	532
	360	Goelzer, Henry Charles	600	520	356	203	315	630	642	316	47
	259	Gold, Robert Harlan	449	290	353	233	91	542	457	721	406
	436	Golec, Theodore Ray	729	745	364	697	434	175	20	276	(1)
	534	Gordon, Donald Bedell	162	406	370	504	639	354	650	502	91
	312	Gorschboth, Frederick Francis	218	351	387	555	557	26	24	166	713

(1) Due to temporary physical disability, unable to complete required work in Physical Training. A calculated average was used in the computation of relative standing assigned for third class year.

Relative standing of the midshipmen of the present second class (class of 1951), for the second year of their academic course, 774 members, June 1949—Continued

Symbol (see p. 29)	Relative standing for academic year	Name	Relative standing in— Conduct	Aptitude	M. E.	Math.	E. E.	E. H. & G.	Foreign langs.	Hygiene	Phys. trng.
	538	Gorski, William Paul	536	35	528	599	456	451	660	147	39
	219	Goslow, Paul	101	35	206	294	90	583	619	166	79
	486	Gould, Robert Patterson	653	578	294	535	406	298	619	316	651
	557	Goumas, Melto	342	465	545	553	501	711	415	316	231
	227	Govan, George William	46	290	125	431	304	202	171	53	487
	126	Grace, Homer Joseph	46	119	122	355	211	40	25	350	550
	340	Grace, John Joseph	403	520	470	577	325	31	240	7	296
	617	Grady, James Harris	101	465	421	705	679	593	432	502	204
	*50	**Graham, Fred Brown**	218	4	129	64	88	64	179	350	686
	483	Grandfield, Francis Joseph, Jr	46	119	620	727	399	199	168	655	550
	523	Granum, Bradford Simley	403	465	380	529	518	144	704	470	651
	472	Graves, Harold Monroe, Jr	492	119	655	495	488	354	271	694	262
	216	Greathouse, David McLeod	101	406	205	320	229	271	205	101	386
	*3	**Green, John Neal**	1	181	8	4	5	72	53	53	39
	*44	**Griesmer, Donald Robert**	46	181	140	113	96	10	104	1	262
	517	Griest, Richard Alan	342	608	519	417	415	691	415	147	759
	103	Guillo, Louis Stephen	162	181	203	187	200	45	40	524	107
	91	Guimaraes, Geraldo Sylvio Cravo	449	45	239	106	137	207	69	438	79
b	625	Guthrie, Edward Shuldon, Jr	342	152	576	741	689	207	432	524	296
	*77	**Haff, William Burton**	1	351	74	29	100	327	244	147	107
4	726	Haggett, Arthur Raymond, Jr	729	290	641	716	736	737	481	749	177
	634	Hale, Paul Allen, Jr	697	635	691	304	597	751	571	749	296
	220	Hall, David William	291	692	269	196	167	109	506	287	314
	467	Hall, Harrell Willoughby, Jr	536	675	535	409	323	734	303	470	338
	174	Halstead, Frank Charles	607	465	122	90	173	666	288	566	57
	526	Hamilton, John Willis	449	234	705	457	634	281	235	590	487
	544	Hammond, James Wesley, Jr	737	608	650	534	283	203	561	53	713
	101	Hanaway, John Francis	101	119	73	44	136	374	388	438	157
	222	Hanemann, Regmar William	403	520	293	251	246	317	212	350	11
	255	Harding, Robert Chester	386	406	250	183	222	103	663	211	597
	516	Harper, William Hale	579	406	590	480	467	745	187	438	231
	168	Hartman, Harry George	1	406	46	174	206	266	334	350	671
	497	Harvey, William Taylor	526	234	507	452	618	258	596	470	39
	424	Hauser, Derrell Bernard	291	465	604	232	417	558	509	470	515
	520	Hauser, Robert John, Jr	158	635	459	373	488	661	596	524	515
	*38	**Hay, Robert Wallace**	46	351	44	20	23	207	202	53	532
	*16	**Haynsworth, Donald Deroy**	690	119	34	14	33	74	53	350	123
	698	Hazlehurst, George Edward, Jr	438	635	600	734	681	232	702	524	487
bb	667	Head, John Landon	449	406	468	701	532	714	746	316	7
	602	Hedrick, William Bull	332	658	490	615	385	474	728	655	406
	169	Heffernan, William Daniel	536	675	261	149	214	18	290	438	296
	321	Heidbreder, LeRoy Kenneth	46	578	391	412	256	79	462	350	406
	262	Heigl, John Theodore, Jr	746	59	405	318	429	153	76	524	47
	284	Heim, William Peter	101	406	482	76	439	11	737	211	671
	447	Helttula, Reino Ensio	342	406	320	557	315	688	271	524	641
	*8	**Hemenway, John David**	100	25	41	37	29	20	52	53	23
	92	Heneberger, Harry Bailey, Jr	46	25	290	182	330	25	8	1	57
	650	Hennessy, William Joseph	579	675	688	509	601	474	544	712	686
	132	Herndon, William James, Jr	218	406	101	137	160	271	178	53	550
	380	Hiehle, Frank Gustav, Jr	291	608	540	138	535	262	487	316	756
	171	Higgins, Richard Chester, Jr	162	351	227	150	233	223	187	438	487
	509	Higgs, Donald Robert	162	290	444	603	591	450	232	166	743
	690	Highleyman, Searle Franklin	713	675	476	692	737	540	605	81	338
	*23	**Hightower, Emmett Scott**	636	16	28	39	71	98	57	615	67

Relative standing of the midshipmen of the present second class (class of 1951), for the second year of their academic course, 774 members, June 1949—Continued

Symbol (see p. 29)	Relative standing for academic year	Name	Relative standing in— Conduct	Aptitude	M. E.	Math.	E. E.	E. H. & G.	Foreign langs.	Hygiene	Phys. trng.
	Inc.	Hildebrand, Robert Ary	449	351	*Inc.*	*Inc.*	*Inc.*	*Inc.*	*Inc.*	*Inc.*	314
	699	Hilgartner, Peter Louis	579	234	730	626	738	298	647	237	704
	223	Hill, Max Lloyd, Jr	342	290	289	169	208	313	424	524	296
	593	Hill, William Pendleton Thompson, Jr	403	351	580	669	648	237	467	350	231
l	*24	**Hillis, David Lea**	1	406	15	114	17	43	37	406	515
	333	Hillock, Joseph Patrick, Jr	489	234	201	387	417	249	447	524	177
	225	Hines, Gulmer Augustus, Jr	46	119	263	244	263	318	401	15	204
	142	Hodnett, Robert Anderson	101	465	96	51	112	589	436	237	487
	*33	**Hofmockel, John Loren**	1	234	30	11	28	332	134	211	550
	245	Holland, Alfred David	342	81	169	211	327	677	202	121	671
	329	Holland, James Stanley	492	351	182	354	400	144	519	694	467
	717	Holloway, Floyd, Jr	701	692	741	628	674	406	677	630	47
	332	Holmberg, William Carl	101	119	279	303	372	451	591	166	157
	615	Hooper, Ralph Wilson	713	406	591	700	619	178	463	463	262
	*30	**Hoover, Richard Martin**	291	290	116	86	37	13	45	166	338
l	205	Hortman, Richard Truitte	1	406	256	166	351	305	129	694	406
	559	Hossfeld, James Francis	218	406	228	521	601	666	699	350	430
	437	Hovater, James David	101	351	419	321	333	642	681	641	231
	572	Hughes, Peter Finley Hugh	280	406	522	702	456	396	626	36	67
	279	Hunt, James Charles, Jr	403	59	233	217	336	374	615	147	47
	657	Hunter, Francis Robert, Jr	737	658	615	682	522	571	419	350	641
	398	Hurd, Calvin William	536	706	299	510	349	190	295	630	406
	210	Hutchins, Christopher Thomas, Jr	46	290	265	184	246	383	266	316	454
	362	Hutchison, William Edwin	449	181	410	535	410	172	227	166	386
	582	Huyette, Carl William, Jr	335	706	326	500	468	413	758	615	704
	661	Iacona, Michael Angelo	492	635	617	655	591	305	642	287	753
	655	Ingram, John Wesley	536	737	511	642	656	747	202	211	751
	326	Inman, Richard Pearson	162	465	191	391	444	222	334	524	597
	125	Innes, Robert Eugene	607	59	90	205	101	246	211	438	157
	112	Irwin, James Benson	101	290	362	74	62	309	142	316	430
	102	Ismay, Arthur Peter	162	45	182	21	19	258	738	147	157
	176	Jackson, Thomas LeRoy	162	465	86	281	243	27	321	211	661
	*51	**Jaffurs, Carl Charles**	218	45	116	24	84	56	352	287	123
	312	James, David Lewis	700	152	457	174	331	492	383	211	157
	224	James, David Russell	291	725	196	154	183	253	493	684	177
	358	James, Frederick Gibson, III	753	758	470	191	250	553	205	744	406
tb	627	Jarvis, Donald Homer	218	465	255	533	494	740	766	749	597
	644	Johns, Forrest Ronald	291	608	626	470	732	318	709	694	550
	295	Johnson, Albert William	636	406	331	166	154	451	596	287	733
	569	Johnson, Alfred William, Jr	526	520	454	526	569	520	551	749	532
	*21	**Johnson, Boyd Walker**	1	81	58	58	60	95	48	166	39
	276	Johnson, Joseph Jefferson	101	234	233	265	226	390	531	53	487
b 8	288	Johnston, Lawrence LeGrand	403	578	280	208	161	463	553	566	454
	297	Johnstone, Richard Alastair	342	351	204	472	455	60	252	438	157
	*87	**Jones, Arthur Daniel, Jr**	291	290	70	185	101	269	17	590	314
	*89	**Jones, Donald Edward**	218	35	168	99	114	135	166	566	386
	511	Jones, David Leslie, Jr	438	706	651	179	568	634	697	502	7
	572	Jones, Samuel Oather, Jr	449	35	674	668	619	309	334	406	406
	420	Kalisch, Robert Burns	665	745	639	222	569	124	186	655	756
	*9	**Kane, John Joyce**	162	465	44	18	9	24	16	53	651
	715	Kaulback, Russell David	218	675	582	622	741	709	747	350	23
	493	Kay, Donald Jerome	489	520	392	484	484	724	406	166	157
	575	Keegan, Richard Joseph	1	181	601	663	577	498	391	211	597
	107	Keily, Lawrence John	162	745	164	122	132	131	68	129	467

Relative standing of the midshipmen of the present second class (class of 1951), for the second year of their academic course, 774 members, June 1949—Continued

Symbol (see p. 29)	Relative standing for academic year	Name	Relative standing in— Conduct	Aptitude	M. E.	Math.	E. E.	E. H. & G.	Foreign langs.	Hygiene	Phys. trng.
	731	Kelley, James Patrick	690	737	699	591	683	701	741	667	123
	687	Kelly, Walter Hayden, Jr	1	181	659	755	750	305	329	694	671
	711	Kemble, John Robert	342	520	736	692	546	388	740	524	661
	136	Kendrick, Jack Ish	46	59	196	241	296	14	195	36	107
	608	Kernan, Leonard Lawrence, Jr	403	20	727	756	689	291	71	438	406
	*700	Kilmer, Donald Allan	607	35	695	689	769	372	675	211	11
	548	Kinney, Donald Paul	46	578	359	482	477	703	690	36	454
	723	Kirby, Kermit Alexander	690	181	633	727	515	666	761	667	625
	122	Kirk, John Joseph	46	465	174	117	244	112	77	316	467
	253	Kirms, Frederick Owen	492	81	322	194	290	118	535	739	107
	547	Kitterman, Warren Palmer	678	692	645	445	488	296	407	655	487
	743	Kittredge, Wallace Randall	701	753	657	608	713	719	752	350	651
	203	Klett, George Jacob	1	520	207	224	283	233	116	739	487
tb	610	Kneece, James Frank, Jr	686	706	664	652	636	38	369	524	729
	651	Knutson, Donald Wayne	291	234	709	726	600	483	334	641	262
	301	Kollmorgen, Leland Stanford	536	578	269	330	232	241	471	15	356
	*83	**Kosonen, Charles George**	492	578	63	39	104	399	157	29	262
	208	Kozel, William John	686	520	266	68	155	339	578	147	356
	387	Kremm, Andrian	283	406	588	359	244	729	175	470	467
	104	Lachowicz, Michael Robert	536	351	77	253	76	186	114	166	17
b 8	418	Laighton, Robert Haley	291	59	378	394	450	253	733	276	123
	443	Lake, Charles Marshall, Jr	46	406	399	315	479	368	609	694	748
	*12	**Langenberg, William Henry**	342	351	17	33	56	5	20	81	406
	355	Langmack, Cecil Edward	291	234	187	269	371	568	673	316	574
	643	La Pides, Jerome	101	351	609	593	607	684	604	406	696
	319	Laramore, James Moss	283	9	223	517	322	390	281	566	262
	417	Larson, Charles Daniel	342	351	475	288	417	693	463	101	356
	603	Larson, Robert Vernon	733	635	564	540	587	545	535	406	123
	162	Latham, James Arthur	101	290	387	307	98	87	121	438	430
	296	Latimer, Samuel Edwin, Jr	46	465	345	298	276	434	323	502	107
	123	Laubach, John Paul	218	351	87	206	128	125	150	406	406
	238	Lautermilch, Paul Anthony, Jr	162	119	429	147	135	172	646	655	713
	*10	**Lawrence, William Porter**	162	1	13	56	20	70	34	406	177
	552	Lawton, William Henry, Jr	403	753	482	565	484	256	525	101	671
	289	Leach, Ralph Wilson, Jr	218	152	389	284	206	619	281	684	157
	506	Leahy, John Patrick	492	152	624	325	428	608	667	524	406
	146	Ledbetter, Jack Wallace	46	181	260	155	110	379	214	36	262
tb	677	Lederle, John Hirst	536	406	342	670	529	746	748	630	487
	713	Leiser, James Morgan	218	234	587	762	702	570	569	630	574
	749	Lemelman, Mark Eliot	291	635	746	733	708	654	690	237	661
	*78	**Leppin, William Francis, Jr**	403	351	33	107	78	344	83	237	386
	755	Leslie, Maxwell Franklin, Jr	162	692	729	746	705	271	756	350	766
	493	Lessig, Raymond Harry	162	181	417	449	579	658	398	667	671
tb	493	LeStourgeon, William Duexsaint	449	181	690	213	404	689	633	630	515
	200	Levisee, Donald Bergman	536	608	112	381	185	346	79	237	231
	217	Lewis, Roger Paul	536	406	241	244	449	11	210	101	733
	615	Liberato, Frank Antonio	579	290	474	757	584	218	500	566	157
	328	Libey, John Davis	394	465	405	272	214	634	492	147	107
	636	Liston, John Michael	46	181	494	731	537	518	662	7	704
	639	Little, Wilfred Reese	101	578	672	513	676	227	758	438	143
	612	Livingston, Richard Cloidt	46	9	699	645	606	381	649	470	262
	129	Loesch, Robert Charles	449	465	253	25	77	188	443	566	454
	433	Loferski, Stanley James	46	290	515	466	537	440	270	53	487
	623	Loughead, Robert Brierley, Jr	101	152	655	618	487	468	706	166	671

Relative standing of the midshipmen of the present second class (class of 1951), for the second year of their academic course, 774 members, June 1949—Continued

Symbol (see p. 29)	Relative standing for academic year	Name	Relative standing in— Conduct	Aptitude	M. E.	Math.	E. E.	E. H. & G.	Foreign langs.	Hygiene	Phys. trng.
	236	Love, Henry Hamilton, Jr	403	608	281	283	299	351	93	350	143
	486	Love, John Reily	701	745	562	440	360	127	576	350	532
	352	Lowell, William Louis	332	608	334	249	374	428	484	502	559
	528	Lyden, Edward Miller	403	608	364	440	658	639	412	350	430
	658	Macaulay, Angus	449	465	760	713	687	509	102	590	386
	637	MacInnis, Joseph Alan	633	520	682	744	664	571	92	406	39
	580	MacKeith, Peter Brabson	394	181	713	579	505	301	605	237	143
	649	Madden, Raymond Aloysius	712	706	714	678	665	525	73	502	625
	331	Madeira, Edward Livingston	636	692	256	392	266	329	293	237	386
b	748	Maguire, John Aloysius, Jr	725	578	719	754	727	329	681	166	686
	585	Maier, Paul Leslie	760	758	451	597	586	385	326	316	204
	309	Malkemes, Robert Fureron	665	181	535	157	321	578	221	287	574
	493	Malone, Roy Wilson	342	465	281	344	425	767	625	316	386
	247	Maloney, Andrew	218	351	425	133	323	346	299	406	338
	*69	**Marangiello, Daniel Angelo**	342	465	160	49	56	214	123	524	(1)
	416	Marin, William Thomas	449	290	318	426	513	153	581	470	467
	414	Marlow, Louis Gene	403	725	613	335	254	432	309	406	722
	368	Martin, John Floyd	449	181	510	219	563	394	398	406	231
	719	Martin, Paul Brice	342	119	694	758	742	721	283	641	356
	*41	**Martin, Sam Thornton, Jr**	708	59	28	53	15	218	258	276	7
	98	Matheson, Ralph Earl	1	181	36	165	54	492	107	725	597
	566	Matson, Keith Wayne	607	119	599	444	356	608	739	694	430
	285	Mattioni, Blasco	607	692	88	349	293	243	358	438	314
	595	Maxwell, Paul Marcus	678	706	622	567	553	532	313	502	467
	366	McCaffrey, John Francis	1	578	312	422	423	358	232	316	743
	500	McCarthy, Francis Xavier	697	406	670	614	666	106	64	166	430
	136	McCormick, James Edward	162	465	52	144	80	529	352	15	597
	442	McCreless, Tom "G", Jr	283	25	470	440	461	188	644	749	487
	150	McDonough, Charles Evans	751	351	166	93	126	335	255	470	11
	135	McDonough, William Drislane, Jr	46	406	172	152	48	462	230	121	625
	576	McFadden, Grafton Ridout	162	152	467	680	509	596	569	166	406
	152	McGarrah, James Eugene	1	351	269	119	313	122	66	675	625
	514	McGavack, John, Jr	729	181	458	481	530	444	561	524	23
	525	McGeachy, Francis Langston	579	578	707	407	588	516	288	406	5
	229	McGlohn, Robin Hollie, Jr	723	119	315	221	258	390	222	36	39
	205	McGrew, John Ferries	1	234	162	373	412	109	96	316	204
	539	McIntosh, Charles Duncan	690	465	651	654	460	700	59	53	79
	370	McIntosh, Robert Henderson	526	608	480	361	430	372	124	686	550
	*46	**McKee, Kinnaird Rowe**	101	45	89	48	63	283	136	630	57
	668	McKee, Robert Xavier	283	234	716	548	749	346	690	641	67
	531	McKendree, Earl Elbert, Jr	1	406	546	394	696	596	391	615	406
	391	McLaughlin, Robert Frederick	46	181	454	356	320	478	541	502	487
	209	McNerney, James Francis	162	234	105	276	293	164	374	36	574
	762	McPheeters, Thomas Anthony	403	119	763	663	767	755	757	749	406
	170	McQueston, Jack Edward	101	152	145	139	192	339	383	438	532
	435	Meader, Bruce Irvine	291	658	451	462	406	674	181	81	574
	653	Meadow, Charles Joe	218	520	667	625	611	618	539	287	550
	397	Mehelas, John Nicholas	745	758	519	273	395	358	168	287	597
	406	Mehl, James Patrick	678	520	334	384	574	653	127	590	204
	589	Meinhold, Robert Louis	449	234	488	574	556	484	638	588	713
	410	Melchers, Arthur Carl	46	406	423	323	415	654	453	350	454
	606	Melesko, Stephen, Jr	633	675	605	567	478	629	451	622	532

(1) Due to temporary physical disability, unable to complete required work in Physical Training. A calculated average was used in computation of relative standing assigned for third class year.

Relative standing of the midshipmen of the present second class (class of 1951), for the second year of their academic course, 774 members, June 1949—Continued

Symbol (see p. 29)	Relative standing for academic year	Name	Relative standing in— Conduct	Aptitude	M. E.	Math.	E. E.	E. H. & G.	Foreign langs.	Hygiene	Phys. trng.
	618	Meredith, Freddie Dan	218	99	750	450	424	763	608	590	91
	305	Metcalf, Joseph, III	403	675	80	174	272	229	769	147	467
	173	Middleton, Clyde William	579	578	384	130	86	239	382	129	231
	474	Miille, Robert James	492	152	376	553	583	144	631	166	338
	730	Miller, James	579	758	662	532	719	670	724	566	764
	710	Miller, James Paul	101	152	627	712	760	660	578	744	356
	*19	**Miller, James Porter**	283	520	100	25	12	32	44	350	574
	652	Miller, Robert Lantz	536	25	556	732	761	262	478	350	467
	445	Minnigerode, John Herritage Bryan	291	608	463	332	439	615	502	470	314
	201	Mitchell, William Frederick	291	290	278	181	196	368	256	29	597
	*27	**Mongrain, Richard Orton**	449	119	181	43	29	162	23	1	47
	202	Montgomery, Graden Leander	342	45	295	228	134	463	374	53	356
	303	Morehead, Ralph Connor	101	290	302	262	393	509	266	524	454
	*40	**Morgan, Bernard Stanley, Jr**	160	465	268	8	119	77	12	166	296
	266	Moriarty, John Benedict, Jr	449	290	241	284	281	148	409	350	430
	481	Morris, Howard Lowell	342	406	189	552	268	584	698	739	713
	341	Morrow, Charles Digby	215	406	351	466	362	101	386	438	356
	184	Mott-Smith, Tipton Pryor	291	351	127	260	212	139	315	287	296
	*66	**Mow, Douglas Farris**	218	25	196	63	96	90	149	524	204
	*64	**Moyer, Donald Robert**	46	465	37	17	31	406	258	166	722
	412	Mueller, George Edward	492	351	189	641	492	35	521	29	597
	714	Mularz, Joseph John	607	737	702	743	707	281	441	716	123
	551	Mulholland, Frank James	579	99	542	534	348	468	720	166	625
	182	Mullaney, David Michael	665	635	201	127	192	242	323	237	91
	*32	**Mullen, Roger Francis**	729	465	24	125	24	45	13	350	79
	446	Murphy, James Barber	449	520	476	330	339	503	703	406	78
	449	Murray, Daniel Crawford	101	351	522	365	540	428	487	15	574
	157	Murray, Douglas Vrooman	653	635	81	198	179	346	73	316	204
b	689	Muth, Robert Walker	607	181	731	632	635	718	524	626	123
	118	Nall, Stanford	573	608	151	90	79	468	94	720	107
b	621	Nardi, Francis Julian	579	81	524	667	520	759	431	524	231
	*36	**Neely, David Fenton**	734	767	39	7	14	239	39	166	262
	337	Neff, Richmond Britton, Jr	678	406	574	434	413	271	60	316	11
	429	Nehez, James Robert, Jr	291	290	373	461	388	288	623	524	338
	334	Nelson, Eric Abraham, Jr	665	290	539	201	381	492	298	287	143
	601	Nelson, William Boyd	573	290	546	695	721	141	467	121	338
	384	Nichols, Robert William	1	520	286	399	505	262	487	316	262
	*65	**Nicksay, Donald Alfred**	492	290	136	116	130	127	9	470	79
	161	Nile, Samuel Herbert	633	351	76	339	174	88	138	590	67
	462	Niven, John Walter	218	351	463	549	494	223	443	566	487
	400	Nix, Henry Branch	162	520	490	537	305	45	571	7	625
	*49	**Nunneley, John Kerwin**	46	234	103	136	50	43	96	406	231
	570	Nyquist, Charles Wolfgang	690	520	579	271	696	712	595	276	231
	632	O'Brien, Charles Clark	218	181	669	661	585	478	447	729	574
	468	O'Gara, Patrick Eugene	291	81	341	541	491	474	575	211	597
	600	O'Kane, Albert Edward, Jr	342	753	617	674	632	159	299	53	671
	277	Olson, Paul David	492	16	244	416	248	656	187	237	79
	457	Olson, Willard Richard	636	351	425	496	307	174	688	744	177
	220	Orem, John Bohannon, Jr	162	465	220	359	336	84	115	211	574
	396	Ortolivo, Basil Anthony	394	406	285	448	279	437	474	655	597
	*80	**Osborn, Donald Roderick, III**	218	465	84	140	109	54	132	101	386
	*28	**O'Toole, Kevin James**	291	35	21	39	144	55	70	211	430
	542	Owen, Robert Ashley	742	578	596	369	351	733	511	350	314
	272	Paddock, Charles Oscar	342	181	299	160	432	428	266	622	406

Relative standing of the midshipmen of the present second class (class of 1951), for the second year of their academic course, 774 members, June 1949—Continued

Symbol (see p. 29)	Relative standing for academic year	Name	Relative standing in— Conduct	Aptitude	M. E.	Math.	E. E.	E. H. & G.	Foreign langs.	Hygiene	Phys. trng.
	95	Pahl, Philip Miller	438	45	166	364	155	21	5	53	467
	706	Painter, Robert Dixon	1	520	630	702	703	661	596	744	467
	*85	**Panciera, Vincent William**	483	520	84	81	34	98	235	237	733
	679	Pardee, William Joseph	492	658	689	714	662	518	293	524	625
	369	Parker, John Gibson	46	290	374	362	346	335	541	237	686
	671	Parks, William Warren	536	181	582	600	626	646	715	211	733
	183	Parler, William Carlos	46	578	111	293	308	27	227	463	550
	695	Parmelee, James Wheeler	101	181	550	729	636	671	734	81	430
	749	Patch, Irwin, Jr	101	290	639	767	717	695	720	621	231
	587	Patten, Michael Allison	607	351	696	681	648	339	48	712	661
	260	Patterson, James Stanford	607	706	216	345	184	277	142	524	574
b	234	Patterson, William Warren, Jr	218	520	396	202	195	159	301	166	740
	411	Peake, Erwin Crockett	101	465	407	468	408	591	277	287	356
	*37	**Pearlston, Carl Brilles, Jr**	101	725	27	14	104	6	155	36	651
	724	Pearson, Paul Eldon	536	768	632	745	724	394	641	129	296
	497	Perky, James Dargan	701	119	447	260	641	385	711	502	430
	383	Perrin, Frank Gibson	218	465	245	508	383	332	390	641	39
	104	Peterson, John Colvin	394	520	71	93	123	487	146	101	91
	*20	**Phillips, Alan Randolph**	46	181	13	9	8	532	112	276	430
	156	Phillips, Harry Edward	218	635	348	93	138	358	103	524	467
	556	Phillips, William Rees	708	737	566	420	270	608	695	53	574
	702	Phillips, William Richardson	734	520	532	560	504	765	728	721	704
	577	Pierce, Billy Gene	579	99	408	615	550	650	654	276	296
	490	Pogue, David Wallace	492	706	487	443	446	571	352	350	625
	394	Pototsky, William Joel	579	758	443	539	530	112	34	438	532
	356	Powell, John Lewis	568	658	210	615	233	181	333	622	39
	560	Powers, William Lorenza, Jr	342	234	651	381	433	607	764	641	1
	99	Pramann, Robert Frederick	291	181	96	111	89	296	216	524	231
	454	Price, Benjamin Francis	46	675	560	324	391	571	609	350	157
	620	Pruden, Kenneth Elmer	743	725	636	524	441	577	561	129	487
b 4	758	Pugh, Richard Phillip	101	635	762	764	661	630	630	438	763
b	613	Purse, William Burks, Jr	46	351	617	557	627	725	457	406	454
	*2	**Pysz, Rudolph Walter**	1	152	7	1	1	14	13	166	23
	275	Quintiliani, Paul Thomas [3]	403	99	155	507	442	4	374	287	296
	113	Radja, James Eugene	162	406	57	102	35	233	457	287	722
	*6	**Radkowsky, Lawrence**	46	608	75	10	7	17	30	147	314
	611	Raithel, Albert Lawrence, Jr	653	520	290	689	625	164	718	502	356
	211	Ramey, Jack Lloyd	162	465	153	243	276	413	184	641	262
	100	Rapp, Fred Lincoln	162	520	157	143	67	137	158	566	430
	316	Rasmussen, Richard [4]	101	119	305	445	114	463	602	81	406
	533	Rasmussen, Raun Jay	600	35	308	578	655	337	546	749	231
	638	Rattazzi, Stanley Eugene	101	351	537	709	632	502	566	101	574
	519	Read, Brooke French, Jr	1	81	529	587	666	298	415	121	356
	691	Reardon, Oliver Ashby, Jr	607	745	737	640	663	571	356	147	550
	267	Reategui, Armando	218	578	476	110	127	580	531	566	625
	477	Reaves, Joseph Champ	492	99	480	476	566	428	601	36	91
	273	Reckert, Richard Albert	46	152	351	230	363	203	474	237	157
	641	Redfield, John Morgan	568	725	459	672	627	286	672	166	356
	160	Reed, Robert Kendall	46	59	121	292	258	478	32	316	(1)
	733	Reeder, John Edward	603	152	679	694	735	769	561	524	356

(1) Due to temporary physical disability, unable to complete required work in Physical Training. A calculated average was used in computation of relative standing assigned for third class year.

[3] Name changed to Paul Thomas Quinton.

[4] Name changed to Richard Harold Rasmussen.

Relative standing of the midshipmen of the present second class (class of 1951), for the second year of their academic course, 774 members, June 1949—Continued

Symbol (see p. 29)	Relative standing for academic year	Name	Relative standing in— Conduct	Aptitude	M. E.	Math.	E. E.	E. H. & G.	Foreign langs.	Hygiene	Phys. trng.
	574	Rehwaldt, Robert John	579	351	437	637	539	444	525	524	532
	347	Reig, Raymond Walter	746	406	194	348	210	271	602	524	515
	475	Reintgen, Robert Joseph	492	465	511	372	271	674	677	237	515
	413	Reisinger, Morris Fredric	162	406	355	526	282	548	348	721	314
	238	Renneman, Robert Adam	342	20	192	425	258	211	304	101	177
	128	Rentz, Frank Leslie, Jr	218	59	78	215	146	440	104	101	386
	217	Richard, Harold George	101	152	338	329	286	249	124	166	123
	381	Richardson, Richard Harold	492	658	651	404	359	413	42	166	661
	696	Richitt, Donald Anthony	701	290	692	647	660	680	502	721	262
	665	Rigsbee, Clifford Marshall	162	675	150	613	658	732	772	166	356
	318	Robbins, Raymond Arthur	101	608	237	435	397	487	112	129	386
	488	Roberts, Louis Aubrey, Jr	607	737	325	456	286	600	571	667	550
	121	Roberts, Richard Harlan	162	234	62	99	189	220	306	36	406
	606	Roberts, Robert Martin	218	181	635	585	641	686	430	686	47
	449	Robertson, Douglas Barnes	536	290	345	482	381	596	374	667	597
	287	Robinson, Donald Granville, Jr	162	406	211	545	353	301	27	237	597
	265	Rogers, James Ogilvie	291	99	200	415	263	63	373	316	740
	465	Rollins, William Gordon	386	351	575	471	450	525	342	725	157
	407	Rook, Theodore Chapman	101	465	558	227	521	564	405	211	597
	740	Rosati, Joseph	449	692	596	707	622	766	745	316	713
	722	Rosecrans, Robert Darling	678	578	711	723	681	707	380	590	406
	704	Rosette, Gerald Henry	607	725	712	594	754	556	484	101	487
	*74	**Rothmann, Warren William**	449	7	297	70	121	181	63	53	314
	*86	**Rough, Jimmie Lynn**	665	351	47	64	81	408	171	237	91
	134	Rowley, Reginald Charles	536	290	71	220	75	246	248	470	262
	347	Roy, Robert Walker	291	290	385	267	354	525	424	524	487
	570	Rue, Harland Joseph, II	748	465	430	653	512	558	396	406	123
	127	Ruggles, Howard Edwin, II	291	99	140	121	143	344	128	725	550
	507	Rush, Thornwell Frank	526	1	488	569	672	630	296	470	123
	392	Rushing, Charles Franklin	629	290	447	314	447	354	342	406	686
	586	Ryan, John Henry	342	290	580	504	648	561	550	729	57
	249	Rynties, Anthony Durk	449	351	225	125	317	586	453	211	67
	195	Saenz, Alfonso Maria	665	675	658	214	63	288	38	566	177
5 1	754	Sailor, Chester Lyall	768	290	758	721	612	768	443	237	532
	327	St. Lawrence, William Patrick	526	152	421	529	344	381	66	129	386
	229	Salin, Robert Sven	394	578	248	289	278	74	232	749	107
	*7	**Sarosdy, Louis Robert**	162	234	2	47	43	19	56	316	123
	546	Sassone, Charles Henry, Jr	218	520	741	352	566	586	369	566	314
	*82	**Saylor, Eugene Harrington**	449	119	107	81	55	243	254	350	91
	480	Schack, Edwin Rudolph, Jr	335	290	534	541	541	338	241	729	597
	*15	**Schlagheck, Kenneth James**	394	406	25	52	56	8	22	121	123
	372	Schoen, Stephen Fredric	449	290	494	473	507	112	222	438	177
	382	Schuler, John Preston	335	406	193	521	227	258	586	438	671
	741	Schuller, Gordon Joseph	162	290	724	751	680	639	673	694	704
	439	Schultz, Ford Joel Elmer	101	351	359	343	404	604	527	675	751
	292	Schutz, Walter Joseph	403	520	415	277	118	593	383	675	(1)
	422	Seagren, Leonard Warren	449	119	446	645	673	81	100	15	356
	554	Sears, Glen Richard	162	520	586	433	621	412	537	166	729
	578	Sease, Hugh St. Clare, Jr	386	290	543	521	651	291	671	615	262
	108	Seay, Wesley Herman, Jr	342	152	152	258	229	96	2	406	314
	472	Sessions, Louis Walker	218	578	441	455	434	532	582	502	157
4	768	Settle, Charles Walsh	689	635	734	768	766	563	735	566	314

(1) Due to temporary physical disability, unable to complete required work in Physical Training. A calculated average was used in the computation of relative standing assigned for third class year.

Relative standing of the midshipmen of the present second class (class of 1951), for the second year of their academic course, 774 members, June 1949—Continued

Symbol (see p. 29)	Relative standing for academic year	Name	Relative standing in— Conduct	Aptitude	M. E.	Math.	E. E.	E. H. & G.	Foreign langs.	Hygiene	Phys. trng.
	113	Seward, John Allan, Jr	1	578	93	104	85	213	313	211	532
	*14	**Seymour, Richard Jones**	218	181	3	37	13	65	107	470	338
1	*42	**Seymour, William Lester**	536	234	107	27	107	76	58	470	204
	*17	**Shaffer, Guy Henry Baskerville**	291	290	5	35	38	37	146	15	177
	*1	**Shaughnessy, William David**	449	234	1	2	2	1	3	101	356
	140	Shaver, Frank Trenton	218	59	252	153	147	309	134	129	515
	*79	**Shaw, Milton**	218	25	173	61	140	40	286	566	(1)
	645	Sheely, Donald Martin	46	119	505	710	590	682	661	590	262
	268	Sheets, Thomas Llewellyn	536	465	290	277	186	498	201	712	430
	177	Sheffield, John Walter, Jr	492	578	228	80	65	561	544	350	262
	164	Sherman, Peter Woodbury	636	152	50	301	339	9	306	524	2
	*88	**Sherman, Thomas Webster, Jr**	218	351	35	83	120	122	220	626	515
	401	Shimer, Melvin Galliher	291	406	505	367	313	721	246	502	314
	*53	**Shutty, Michael Stanley**	394	351	20	112	153	92	28	36	454
	373	Silverman, Murray "H"	739	772	684	459	395	6	15	641	550
	599	Silvestrini, Remo John	335	578	642	563	569	451	587	350	386
	515	Sims, Clifford Marton, Jr	449	520	585	408	511	451	487	350	641
tb	356	Sinclair, Alexander Malcolm	218	35	408	291	468	358	554	725	123
	451	Singer, Stewart Mitchell	536	578	374	684	273	200	364	350	532
	226	Skidmore, John George	403	706	404	206	379	135	65	121	625
	502	Skiles, Frank Chambers, Jr	218	520	342	377	434	739	613	406	625
	228	Small, Robert Holdermann	218	234	130	366	317	33	432	147	532
	350	Smedberg, William Renwick, IV	725	520	299	347	576	294	153	276	107
	561	Smeltzer, John Lewis, Jr	218	181	610	583	622	522	387	316	262
	133	Smith, Paul Amos, Jr	721	758	54	198	70	186	139	36	262
	315	Smith, Richard Wood	342	181	243	559	526	112	50	406	532
	*22	**Smith, William Adams, Jr**	162	99	47	36	66	40	107	7	177
	732	Smith, William Morris, Jr	403	520	698	753	627	744	650	81	157
	158	Smith, Windsor Roberts, Jr	1	9	306	231	208	191	161	121	204
1	721	Snider, Alfred Ernest	753	725	699	722	652	538	483	524	91
	237	Sommer, Donald Joseph	653	45	186	352	242	118	348	675	406
	*45	**Soracco, David Louis**	218	81	138	19	74	268	86	749	57
	681	Spiering, Wayne August	1	290	752	698	615	757	230	524	204
tb	590	Stader, John Francis	446	181	611	501	733	408	571	15	296
	365	Stanley, Richard Mervin	101	234	187	606	365	351	173	406	753
	319	Stark, John Archibald	101	406	317	276	194	732	311	470	(1)
	684	Starn, Harrison Floyd, Jr	342	465	553	704	631	616	588	630	733
	257	Stelzer, Frank Alan	162	181	219	192	408	656	187	524	231
	258	Stephens, Perry Lee	1	290	246	226	188	639	326	641	515
	148	Stephenson, William Griffith, III	386	635	58	132	106	84	588	276	487
	659	Stevens, Walter Clarence, Jr	403	520	627	638	666	411	655	81	532
	90	Stevens, Warren Gene	492	608	157	169	95	57	47	237	296
b	378	Stieren, Oliver Bernard, Jr	218	406	496	363	267	522	346	641	532
	499	Stiller, Bertram Hermuth	568	465	551	400	203	728	724	406	32
	375	Stockdale, Lowell Arthur	101	290	326	327	414	532	511	502	262
	670	Stockman, David Twogood	723	745	382	642	533	634	744	237	262
	291	Stornetta, Wakefield Scott Moller	342	351	431	249	166	650	304	524	296
	172	Stothard, Ralph Blake	573	119	177	161	170	521	274	350	23
	409	Strode, Charles Darlington	743	608	263	256	116	741	717	287	696
	604	Strohm, James Joseph	291	737	514	516	692	157	664	641	515
	674	Stuart, Jerome Carroll	603	675	681	486	610	756	631	566	47
tb	703	Stuart, Thomas Rodney	721	99	764	541	716	665	619	147	262

(1) Due to temporary physical disability, unable to complete required work in Physical Training. A calculated average was used in the computation of relative standing assigned for third class year.

Relative standing of the midshipmen of the present second class (class of 1951), for the second year of their academic course, 774 members, June 1949—Continued

Symbol (see p. 29)	Relative standing for academic year	Name	Relative standing in— Conduct	Aptitude	M. E.	Math.	E. E.	E. H. & G.	Foreign langs.	Hygiene	Phys. trng.
	199	Stubbs, James Edwin, 3rd	403	181	199	178	250	558	153	237	487
	626	Stump, John Morgan	218	290	602	660	516	679	613	470	91
	760	Sturgis, Kenneth Ralph	771	774	766	657	694	608	680	237	386
	592	Sullivan, Joseph Lawrence, Jr	46	351	267	736	599	504	584	350	91
	93	Sullivan, John Patrick	446	406	324	159	40	134	32	81	574
	489	Sundry, Arthur Paul	678	520	526	379	605	532	322	675	177
	196	Surman, William Vincent, Jr	1	99	220	162	317	316	364	36	204
	718	Swank, Donald Elliott	579	406	731	736	723	451	498	470	204
	399	Swart, Robert Lee, Jr	579	520	286	486	253	358	546	166	386
	675	Sweeney, Raymond Joseph	536	578	682	675	640	564	355	749	597
	767	Taylhardat, Rafael Augusto	579	635	769	762	770	730	88	237	550
	393	Tetrick, Claude Jackson	291	465	570	396	482	642	104	166	143
	151	Thomas, Gerald Carthrae, Jr	1	119	447	239	147	34	158	611	91
	274	Thomas, John Keith	342	119	269	254	354	243	523	406	5
	302	Thomas, William Rex, Jr	46	99	214	387	339	593	315	36	143
	647	Thompson, Archibald Scales	523	9	746	683	666	548	401	626	39
b	737	Thompson, William James	101	706	686	746	724	691	664	237	338
	558	Thompson, William Summers	449	351	320	609	550	380	675	237	515
	551	Thorne, Anthony Stearns	283	578	473	518	368	487	753	129	314
	108	Tillson, John Granville	403	181	145	115	92	132	319	316	231
	213	Tillson, Roger Weston, Jr	342	520	130	340	269	104	264	470	231
	492	Toal, James Francis	403	465	564	476	527	137	441	749	704
	453	Todd, Alexander William, Jr	283	406	402	699	402	14	543	211	671
	373	Tollefson, Charles Herbert	536	406	112	384	366	626	668	147	11
	*58	**Tollefson, Norris Mohn**	46	406	69	64	130	143	79	53	386
	*60	**Tomb, Paul David**	403	152	67	42	61	326	239	438	47
10	769	Tonkin, Norman Mande	663	234	769	725	755	704	770	166	573
tb 9	697	Torruella, Antonio Ramon	403	465	717	724	763	743	31	694	574
	742	Tovar, Carlos Socrates	650	658	720	705	738	752	446	716	454
	197	Trask, Walter Haywood	660	234	435	56	53	753	246	350	740
	404	Treadwell, Lawrence Penfield, Jr	446	234	571	396	360	227	467	694	177
	290	Trost, Frederick James	1	81	171	452	421	440	218	15	296
	325	Trout, Thomas Warren	607	290	326	414	378	162	296	147	157
	527	Truesdell, Willard Martin	753	608	515	398	347	622	658	53	123
	537	Tuzo, Paul Benjamin, III	665	234	440	462	615	705	302	611	338
	337	Urban, Frank Monroe	218	234	122	438	145	705	513	630	686
	188	Urban, Robert	215	181	240	233	380	68	166	316	338
	*5	**Utterback, Paul Wilson**	526	520	6	5	6	30	119	211	356
	248	Vail, Harold Wayne	1	181	231	264	374	423	248	316	91
	163	Valentine, Earl Lester, Jr	483	181	262	172	177	65	421	147	11
	*67	**Vander Naillen, Ralph Edward, Jr**	403	290	49	50	116	152	141	316	467
	679	Van Hook, Gordan	449	520	707	685	647	396	507	630	430
	431	Verner, Edward Wingfield	607	706	413	350	258	554	626	276	231
	669	Voegelein, Gordon Rollings	218	234	660	638	688	235	748	590	314
	512	von Christierson, William Waldemar	1	9	606	410	552	638	668	406	262
	335	Vonier, William Herbert	46	119	182	345	613	108	565	129	487
	*13	**Waespy, Charles Matthew**	101	234	4	90	41	58	4	463	143
	120	Wales, John Renison	1	290	119	215	139	125	176	1	262
b 8	440	Walsh, Richard Ambrose, III	342	406	613	428	301	474	439	438	231
	579	Walston, Donald Edward	739	406	624	561	481	253	578	287	625
	736	Wandres, Victor Charles	160	465	692	748	758	712	447	615	733
	738	Ward, Arthur Taylor	636	351	734	715	753	762	498	350	231
	484	Ward, Clifford Lloyd	756	152	559	326	573	471	436	53	671
	454	Ward, Thomas Martin, Jr	218	234	435	445	499	451	566	470	177

Relative standing of the midshipmen of the present second class (class of 1951), for the second year of their academic course, 774 members, June 1948—Continued

Symbol (see p. 29)	Relative standing for academic year	Name	Relative standing in— Conduct	Aptitude	M. E.	Math.	E. E.	E. H. & G.	Foreign langs.	Hygiene	Phys. trng.
	477	Ware, Owen Henry	607	465	424	595	470	374	286	166	686
	521	Wasilewski, Alex, Jr	629	81	416	635	503	323	487	406	487
	553	Wassell, James Winchester	607	635	647	493	543	132	588	502	231
	198	Waterhouse, Charles Nickerson, Jr	101	290	134	198	299	329	326	237	143
	353	Watts, Charles Robert Jr	536	520	500	458	426	36	248	237	487
4	770	Watts, Philip Gregg	764	768	767	749	657	720	750	729	671
	175	Weaver, William Alexander	573	9	364	302	225	88	83	438	406
	664	Weber, Oscar Werner	690	775	755	393	202	735	724	694	356
2	*Inc*	Weber, Walter Louis	291	691	345	744	*Inc.*	516	*Inc.*	*Inc.*	*Inc.*
	688	Weidenkopf, David Wright	763	692	664	634	558	548	549	81	729
	165	Weisheit, Burton Alvin	46	520	143	140	229	285	242	655	204
	672	Welch, Clyde Ray	663	706	667	624	644	545	502	694	91
	142	Westbrook, Donald Elliott	579	675	133	28	121	153	605	316	231
	729	Whelchel, Henry Cowan, Jr	291	99	743	735	701	726	633	694	23
	587	Whistler, Ralph Nelson, Jr	335	406	427	604	694	659	388	276	386
	464	Whitaker, Robert McKay	568	351	419	494	541	339	474	630	32
	115	White, James Eugene	101	35	110	209	213	92	86	316	430
	753	Whitener, Carr Choate	438	234	675	750	696	738	741	470	661
	261	Whitner, William Church, III	536	608	450	235	158	230	319	675	262
	432	Whyte, Kent Eugene	218	290	459	332	560	413	577	166	157
	379	Wickwire, Peter Allen	492	99	319	431	196	626	655	566	7
	*18	**Wilcox, James Churchill**	46	520	10	12	3	396	194	81	696
	320	Williams, Allen Dean	603	234	226	342	250	413	500	524	177
	756	Williams, Richard Glenn	653	351	768	606	764	437	753	470	(1)
	630	Williams, Ross Norman	162	45	385	752	555	661	596	611	262
	419	Williams, William Alonzo, Jr	218	290	595	282	310	420	639	237	671
	303	Wilson, William Boyd	438	81	145	604	249	203	283	211	406
	298	Winberg, William, III	101	290	170	375	517	249	273	147	338
	*80	**Winnefeld, James Alexander**	101	290	160	79	141	3	252	211	550
	694	Wood, Edward Harris	607	745	479	730	607	764	334	166	487
	433	Woodbury, John Leland, Jr	650	758	638	235	339	538	332	622	(1)
	148	Woolwine, Emmons Hicks, Jr	603	81	64	295	163	69	225	166	487
	759	Wozencraft, Clark Robert	653	351	709	766	708	693	719	502	204
	540	Wray, Richard Edward, III	162	234	504	488	700	277	516	350	550
	476	Wyman, John Corbett, Jr	162	351	549	430	558	509	411	566	430
	501	Wynkoop, Thomas Edward	665	520	576	469	479	390	436	287	231
	746	Yeager, George Edward	607	706	754	662	683	758	633	350	356
b	408	Yoran, George Francis, Jr	483	45	392	501	582	258	401	101	57
	648	Young, Noel Statler	46	725	508	510	685	497	715	749	338
	130	Young, Robert Allen	1	99	58	151	170	185	334	502	430
	251	Ysunza, Fernando Rivera	46	59	541	241	275	616	29	350	753
	138	Zoehrer, Herbert Alfred	678	181	65	298	290	27	26	566	515

(1) Due to temporary physical disability, unable to complete required work in Physical Training. A calculated average was used in the computation of relative standing assigned for third class year.

NOTE.—Where relative standing is in excess of the membership, such relative standing is based on the membership of the class at the time the work was completed.

PRESENT THIRD CLASS

Relative standing of the midshipmen of the present third class (class of 1952), for the first year of their academic course, 913 members, June 1949

Symbol (see p. 29)	Relative standing for academic year	Name	Relative standing in— Conduct	M. E.	Math.	E. E.	E. H. & G.	Foreign langs.	Phys. trng.
	758	Abbott, Mark Oliver	437	512	791	437	846	774	750
	569	Abbott, Tracy Francis, Jr	659	559	314	321	778	895	438
	878	Abhold, Earl Joseph	900	886	742	579	855	899	842
	233	Ackerson, David Joseph	364	118	418	138	510	216	501
	221	Adair, Frederick Semple	696	122	286	159	414	456	27
	107	Alcarez, Reynaldo Manacsa	274	227	39	255	422	93	542
	702	Aldern, Donald Deane	567	381	751	772	496	550	391
	643	Alexander, Dan Coker	56	583	621	631	605	585	723
	803	Alexander, John Peyton	769	819	691	872	676	493	723
	411	Alexander, John Richmond, Jr	666	453	301	243	891	515	94
	327	Alexander, Marvin Gillen	114	657	529	373	5	271	792
	150	Alexich, Milton Pivar	274	315	133	80	471	393	321
	187	Allen, John Henry	197	586	197	25	520	558	5
	861	Allen, John Paul	828	888	855	718	739	688	350
	360	Allison, Robert Clem	114	203	495	270	721	475	13
	432	Altwegg, David Mattson	666	832	322	529	330	249	438
1	808	Ames, Lloyd Leroy, Jr	735	693	881	537	636	637	879
	274	Amor, Raymond Cipriano	274	247	291	446	718	51	391
5	720	Andersen, Haakon Roy	795	774	766	544	186	607	885
	703	Anderson, Duane Elmer	666	835	555	758	679	428	501
	234	Anderson, Mason Evans	197	203	286	261	471	260	152
	527	Anderson, Roger Allan	501	329	423	517	626	805	94
	483	Anderson, Warren Randolph	274	166	640	437	626	432	501
	201	Andrews, Charles Edward, III	620	650	17	297	512	310	31
	492	Appell, Leroy Gustave	114	603	552	494	531	368	321
	292	Argiro, Vincent James	1	247	158	446	356	558	773
	881	Arison, Rae Edgar	732	722	876	863	769	881	576
	511	Arnheiter, Marcus Aurelius	501	835	305	665	249	462	750
	530	Ashman, Lee Earle	792	573	550	762	552	31	865
	90	Avallone, Eugene Michael	56	524	113	33	186	301	475
	605	Badgett, John Jefferson	364	637	519	597	705	577	642
	836	Bagby, Hallam Overby	696	891	722	834	461	813	350
	334	Bailey, Earl Wright	857	373	243	198	289	714	501
	599	Bailey, Garnett Russell	114	435	498	668	366	796	608
	623	Bakke, Thomas Neil	114	504	795	347	350	791	17
	162	Balint, William Stephen, Jr	197	114	248	179	341	253	245
	695	Banghart, Leslie Lansing	862	644	289	583	899	831	501
b	348	Bangsberg, Howard Vey	696	173	755	412	10	83	723
	839	Banks, William Emmett, IV	114	473	853	883	605	819	694
	449	Banner, Conrad Seth	1	465	614	365	397	397	438
	154	Bannister, William Harris	620	682	181	38	214	182	857
	197	Barker, Merle Maurice	197	717	291	57	104	194	857
	727	Barrett, William Louis	274	562	650	706	671	797	391
	843	Barry, John Joseph	907	688	849	659	712	666	750
	762	Barry, Peter Francis	735	883	883	675	107	355	78
	84	Bartlett, Donald Alan	114	512	108	99	210	69	245
	446	Bartley, Robert Paul	501	722	481	396	542	236	694
	80	Bartosh, Timothy Daniel, Jr	56	349	79	36	271	324	350

Relative standing of the midshipmen of the present third class (class of 1952), for the first year of their academic course, 913 members, June 1949—Continued

Symbol (see p. 29)	Relative standing for academic year	Name	Relative standing in— Conduct	M. E.	Math.	E. E.	E. H. & G.	Foreign langs.	Phys. trng.
	194	Beauregard, Theodore Henry	429	425	277	287	597	2	669
	*47	**Beecher, John Dennis**	696	11	36	46	156	297	895
	181	Bellman, Donald Stanley	437	198	261	336	125	149	130
4	905	Bell, Donald Robert	501	844	903	906	881	785	(1)
	668	Bell, Robert Graham	620	796	618	823	573	194	350
14	886	Bennett, Charles Franklin	114	519	897	887	686	890	879
	*10	**Benton, Hugh Arthur**	274	79	9	7	104	37	438
	362	Berg, Richard Conrad	56	684	371	343	125	475	669
	320	Berndt, Donald Judson	364	600	432	428	370	39	152
	771	Bernier, Francis William	732	807	842	650	644	253	842
	578	Bethel, William Fowler	1	695	561	457	684	611	391
	395	Billion, Olivier Robert	666	531	538	555	774	4	542
	234	Bilodeau, Armand Arthur	56	657	261	111	194	418	475
	*25	**Bird, Charles Scudder**	274	27	121	37	22	35	898
	187	Bixby, Harry Llewellyn, Jr	364	279	377	225	148	46	282
	787	Bjerke, Duwain Elroy	56	341	705	686	777	901	642
	600	Blackadar, Paul Frederick	501	774	627	265	636	646	542
	815	Blackwood, Jack Dewayne	828	848	599	796	859	676	642
	232	Blades, Lawrence Todd	274	247	254	274	174	389	391
	426	Blanding, Robert Lightbourn	197	650	563	236	480	422	321
	577	Blanton, Harold Lee, Jr	620	684	326	609	566	761	669
	701	Blasko, William Anthony	1	669	813	722	542	388	113
	606	Blide, Dan Charles	364	98	651	619	240	819	842
	863	Boggs, Steve Vernon	197	899	888	825	434	660	282
	91	Borden, Lucien Peter	429	173	165	166	18	187	773
	271	Bos, Roger Charles	1	592	269	597	58	116	542
	730	Bottomly, James John	795	616	743	602	572	757	94
16	871	Boundy, Kenneth Ashburner	1	873	881	842	724	768	438
10	549	Bovay, Norman James	274	361	477	794	531	428	642
	501	Bowen, William Schaefer	501	302	533	574	303	623	475
	703	Bower, Joseph Edward	501	850	666	706	268	573	282
	385	Bowser, James Robert, Jr	735	742	307	365	695	218	152
4	895	Bradley, Jules David	274	898	870	908	886	708	216
	162	Bradshaw, Brice Lorin	890	148	52	190	131	503	542
14	900	Brady, Francis Thomas	897	839	900	847	867	783	391
	437	Brady, John Huston, Jr	567	592	423	667	430	184	152
	184	Branyon, James Curtis	56	635	276	170	121	98	576
16	874	Braun, Daniel Frederick	795	577	894	821	742	785	805
	*73	**Bress, Allyn**	696	190	79	170	309	15	501
	*22	**Brickel, James Russell**	437	86	9	29	71	133	827
	165	Bridgman, Charles James	567	127	147	280	525	169	216
	572	Brooks, Alfred Peter	274	166	671	793	552	662	723
	*41	**Brooks, Walter Allen**	437	30	79	136	100	60	152
	264	Brooks, William Earl	197	234	291	257	422	381	245
	325	Brown, Bruce Kilroy	666	156	416	333	87	628	245
	157	Brown, Charles Howard	567	61	149	122	240	642	475
	423	Brown, George Wayne Miller	437	586	508	551	214	234	542
	721	Brown, Jacob Calloway	437	717	745	668	350	698	391
	365	Brown, Laurence Arthur, Jr	567	381	452	508	174	282	608
	774	Brown, Robert Magnus	364	603	859	869	566	402	52
	266	Brownrigg, Richard Thomas	114	150	261	294	414	428	642
	103	Bryan, Charles Waters	364	132	165	117	87	286	792
	156	Bryson, James William, III	437	289	428	182	96	30	94
	252	Buck, Donald Dean	437	127	133	82	626	802	827
10	556	Buck, Robert Eugene	498	669	646	492	350	372	501

(1) Due to temporary physical disability, unable to complete required work in Physical Training. A calculated average was used in the computation of relative standing assigned for fourth class year.

Relative standing of the midshipmen of the present third class (class of 1952), for the first year of their academic course, 913 members, June 1949—Continued

Symbol (see p. 29)	Relative standing for academic year	Name	Relative standing in— Conduct	M. E.	Math.	E. E.	E. H. & G.	Foreign langs.	Phys. trng.
	481	Buckman, Robert Stewart	364	727	501	386	316	278	907
	383	Burch, James William	197	483	469	267	356	507	694
	541	Burch, Robert Morris	197	885	391	681	636	212	65
	474	Burchett, Milton Edward	197	535	324	650	377	531	842
	*67	**Burgin, Joe Carter, Jr**	1	407	43	139	128	158	78
	737	Burkhart, Paul Clifton	197	598	651	805	758	736	65
	131	Burnett, John Houston	364	273	307	122	174	69	438
	426	Burns, Richard Carroll	197	680	444	460	441	324	350
tb	206	Burrell, Jack Luse	841	24	295	378	148	87	840
	124	Burridge, Herbert Murray	197	227	152	158	542	135	78
	683	Cagney, Thomas Patrick	735	731	472	585	791	750	501
15	*Inc.*	Calabrese, William Chisholm	56	*Inc.*	*Inc.*	*Inc.*	*Inc.*	*Inc.*	*Inc.*
	173	Califf, Toxey Haas	501	71	436	62	275	297	152
	97	Calkins, Robert Edward	197	302	47	89	345	260	723
4	902	Campbell, James Michael	620	900	903	870	824	727	885
	*49	**Campbell, Ronald Alistair**	435	208	76	43	139	143	391
	618	Campbell, William Harold	908	552	493	613	581	422	501
	903	Cantacuzene, Rodion	881	891	889	894	836	843	576
	805	Carbone, Joseph Roland	903	804	788	732	736	355	282
	891	Carl, William Thomas	857	312	827	904	893	898	750
	535	Carman, Alexander Junior	114	208	355	409	811	886	475
	898	Carroll, David James	501	906	893	865	821	853	576
	801	Carroll, Robert Healy	1	782	771	712	708	792	350
	888	Carroll, William Edward	845	799	838	772	880	903	152
	781	Carson, Ralph	620	727	779	774	758	569	78
	781	Carson, Richard Henry	620	802	683	545	769	813	608
	295	Case, George Phillip, Jr	1	697	332	120	330	585	52
	99	Case, Richard William	197	413	56	91	566	197	52
	491	Catanach, Anthony Henry	437	603	552	567	502	177	694
	689	Catlett, Jack Calmes	197	693	631	764	592	558	245
	390	Caudill, William Emery	56	407	232	541	480	607	608
	529	Caulk, Robert Fletcher	364	547	463	569	679	565	216
	873	Cawthon, Harry Willis	437	908	777	692	842	863	576
	161	Chambers, Lawrence Cleveland	567	106	79	224	409	369	723
	779	Champlin, Calbraith Perry, Jr	1	535	643	543	907	884	245
	239	Charbonneau, George Leo	364	358	172	432	282	326	43
	579	Charneski, Mitchell Daniel	769	218	665	616	595	487	152
	*72	**Cheatham, Augustus Barrett**	114	205	225	159	2	135	216
	539	Chesky, James Allen	364	769	611	404	566	210	792
	715	Chinn, Clarence Earl	567	535	599	715	827	623	827
	846	Chittenden, Richard Marion	1	727	870	885	846	389	857
	850	Christensen, Raymond Johannes	274	567	823	697	909	829	475
	567	Clark, Alan Fulgham	666	562	663	560	282	545	13
	261	Clark, Allen, Jr	114	774	217	280	247	161	438
	610	Clarke, Lawrence Hutchinson, Jr	114	611	705	370	705	441	865
tb	780	Cleavenger, Samuel Demott, Jr	666	738	755	855	597	642	2
	249	Coble, Charles Ray, Jr	197	75	270	441	80	569	152
	342	Coiner, John Alfred	819	190	403	179	496	428	865
	687	Coleman, John Robert Daniel	197	461	760	330	573	838	773
	*57	**Collins, Harold Edward**	274	48	225	117	58	83	(1)
	897	Collins, Harold Willard	437	644	905	787	852	895	872
	747	Collmer, Maurice Edward, II	810	315	847	725	597	503	576
	371	Compton, Robert Evans Lincoln	274	182	430	445	701	310	391
	844	Congreve, William, III	56	244	859	675	875	900	642
	718	Conn, Lannie, Jr	666	247	808	820	653	507	43

(1) Due to temporary physical disability, unable to complete required work in Physical Training. A calculated average was used in the computation of relative standing assigned for fourth class year.

Relative standing of the midshipmen of the present third class (class of 1952), for the first year of their academic course, 913 members, June 1949—Continued

Symbol (see p. 29)	Relative standing for academic year	Name	Relative standing in— Conduct	M. E.	Math.	E. E.	E. H. & G.	Foreign langs.	Phys. trng.
	*33	**Connelly, Robert Bailey**	114	48	24	57	289	87	438
	431	Conover, John Cedric	364	180	387	203	805	797	608
	653	Cook, Jack Wilbur	901	856	316	410	801	711	501
	645	Cooke, Deane Miller	862	684	755	293	502	470	792
	368	Cooke, Robert Alexander	828	90	436	351	465	529	189
	681	Cordes, Keith Donald	567	274	646	414	793	885	130
	798	Cornwell, Robert Zemp	845	746	546	774	736	861	542
	204	Coski, Bernard "J"	437	109	183	234	142	558	576
	415	Cosner, Wendell Ernest	364	247	508	345	386	652	152
	742	Costigan, Robert Andrew	197	774	755	600	671	628	576
	424	Cotten, Thomas Randolph, Jr	364	425	490	521	330	360	475
4	887	Cotton, Bill Duane	828	697	895	895	671	792	475
	*63	**Coulter, Richard William**	1	26	133	121	386	192	17
	290	Council, Francis Elbert, Jr	887	535	225	94	778	249	438
	740	Courtney, Robert	666	512	785	723	414	739	152
	766	Cox, Mortimer West, Jr	1	650	722	675	830	743	501
	502	Craig, Charles Fremont	437	392	463	664	471	446	576
	709	Craven, Robert Campbell Ewing	696	394	563	686	801	816	350
	409	Crews, James Ronald	795	336	399	450	362	375	805
	614	Crist, Raymond Fowler, III	823	556	432	587	597	774	391
	158	Crockett, John William	559	122	104	45	626	618	669
	698	Crouse, Richard Thomas	1	394	606	541	811	883	245
	414	Crowell, James Britton, Jr	862	265	436	388	434	475	189
	83	Cue, William Gordon	114	227	113	236	56	62	694
	841	Cumbaa, Walter "B"	620	673	848	865	748	780	245
	827	Curran, Robert Welch	696	863	834	821	622	503	576
	859	Curtin, Pat	567	890	813	801	542	797	723
	528	Daley, Richard Forsythe	114	407	692	628	23	676	152
	415	Daniels, Edward Eugene	1	547	463	559	316	271	723
	634	Danielson, Darrell Curtis	788	906	379	478	496	585	608
	241	Dapogny, Robert John	769	394	382	245	210	61	350
	*32	**Darrell, Charles George**	620	15	36	22	207	182	694
	686	Davey, Donald Burton	197	223	533	811	872	702	391
	272	Davis, Frederic Cornell	274	212	187	308	455	550	501
	440	Davis, Robert Dean	197	774	396	188	857	412	350
10	443	Davison, David Dunham	361	413	444	690	303	379	282
10	493	Dawson, William Allen	274	444	787	551	142	93	669
	257	Deaton, William Allen	274	562	217	420	227	227	65
	693	Degnan, John Samuel	197	736	679	650	406	623	694
	788	Delahunty, William Randoph, Jr	501	702	833	877	447	446	391
	478	Delaney, William John	437	832	326	506	573	333	669
	464	Denbigh, Robert Sipp, Jr	696	595	459	613	434	304	113
	115	Denfeld, Richard Eduard	197	95	112	222	210	310	576
	399	Deppen, John Baird	666	407	358	444	558	434	350
	478	Derr, John Patrick	567	522	379	359	824	637	78
	581	Desroches, Sylvio Joseph, Jr	56	373	621	580	841	434	152
	247	DeWinter, Richard Edward	501	132	190	155	644	604	501
	354	Dickey, Roy Sterling	274	360	371	508	414	343	189
	96	Dickinson, John Charles, Jr	1	626	99	57	49	381	475
	149	Dietz, Richard Clayton	437	9	307	144	73	375	895
	658	Dimmick, David Keating	567	270	771	693	422	446	827
	*27	**Dimon, George Huntington, Jr**	769	234	16	153	51	3	642
	*61	**Dixon, Olin Lamar, III**	501	86	172	14	552	108	189
	317	Dodson, Clinton Festus, Jr	567	562	270	300	581	173	792
	307	Dolan, John Francis	883	247	295	297	87	542	350
	286	Dondey, Leon	437	807	222	230	397	167	501
	146	D'Orso, James Nicholas	666	227	277	294	27	23	857

Relative standing of the midshipmen of the present third class (class of 1952), for the first year of their academic course, 913 members, June 1949—Continued

Symbol (see p. 29)	Relative standing for academic year	Name	Relative standing in— Conduct	M. E.	Math.	E. E.	E. H. & G.	Foreign langs.	Phys. trng.
	516	Doughan, Joseph Peter	437	650	529	514	595	289	827
	760	Dow, Maynard Weston	364	644	717	811	597	739	282
	380	Drake, William David	437	512	412	432	319	218	888
	*78	**Drews, Sheldon**	114	492	129	50	190	146	216
	713	Driver, Glenn Clark, Jr	696	753	483	706	867	717	43
	829	Duckett, Philip Van Horne Lansdale	828	753	819	880	653	581	350
	218	Dunn, William Walton	114	58	291	365	233	375	65
	159	Dyer, George Thomas, Jr	620	358	307	77	186	158	438
	256	Dykers, Thomas Michael, Jr	114	712	270	205	411	142	391
	537	Eames, Eugene George	769	657	363	594	160	764	694
	191	Ebbert, Edwin Leigh	845	326	43	98	830	291	542
	382	Eddy, William Crawford, Jr	197	176	403	357	795	412	608
	597	Eddy, William Paul, III	274	437	764	776	414	120	391
	456	Edebohls, Hans Gunther	197	586	581	337	742	196	576
	733	Eggert, Lowell Franklin	845	190	853	623	502	676	216
	*79	**Eisele, Donn Fulton**	666	84	131	55	525	125	282
	602	Ellis, Dale Forrest	364	325	671	553	612	558	669
	889	Ellis, David Eugene	840	825	796	909	537	893	216
	848	Ellis, Lloyd Dubart	735	623	869	725	742	835	391
	584	Ellison, John Cooley	856	626	599	680	190	462	65
	613	Elmwood, Robert Edwin	501	394	771	354	612	462	879
	554	Elrod, William Herbert, Jr	696	437	472	574	496	515	902
	729	Enderle, Maurice Allan	114	444	692	771	592	823	78
	512	Engquist, Gordon Wendell	501	595	529	379	310	670	750
	223	Enos, Ralph Lindsay	364	75	547	198	43	171	805
	152	Eplett, James Douglas	501	345	187	151	117	218	805
	677	Eshman, John Robert	1	478	640	558	542	842	576
	673	Etheridge, Coy Eugene, Jr	666	882	576	574	218	628	750
	567	Evans, William Ashby, Jr	364	504	428	788	345	720	27
	828	Fabiano, Charles Ernest	274	763	823	804	758	704	669
	739	Faessel, Matthew William	695	274	740	750	676	737	642
	899	Fain, William Lee	872	873	887	891	778	850	542
	512	Fakoury, Ernest Peter	845	361	459	796	480	267	245
	756	Falgoust, Jean Barry	788	790	568	635	842	754	350
16	868	Farrar, Richard Ray	841	733	884	782	455	876	576
	376	Farrell, Joseph Aloysius, III	274	688	452	381	183	326	391
	319	Fay, Edward Stanislaus	56	279	307	389	441	405	501
	*17	**Federico, Charles Domenick**	615	22	21	85	33	49	501
	259	Feely, Robert John	56	35	418	545	47	336	438
	690	Feller, Donald Lee	114	349	751	587	465	785	542
	640	Fellerman, Keith David	735	804	538	479	660	618	475
	563	Fellingham, Robert Walter	659	667	368	647	573	585	501
	249	Few, Floyd Jefferson	696	394	96	343	227	515	501
	310	Firth, Forrest "E"	501	145	289	316	186	686	723
	265	Fischer, Harold James	437	781	125	221	665	180	642
	769	Fischer, James Elry	114	616	767	639	877	577	642
	608	Fisher, William Gooding, Jr	114	263	477	504	886	739	750
	345	Fitts, Jean Milton	437	361	495	584	158	57	608
	612	Fleeman, Frederick Marlowe	112	341	501	430	727	871	805
	809	Fleeson, Richard James	56	841	775	811	778	510	723
	587	Flick, Arthur Bernard, Jr	501	726	692	613	447	270	31
	164	Fogarty, Michael John	1	702	182	201	97	111	542
	603	Foley, John Joseph, Jr	620	234	627	585	469	757	282
	759	Ford, Leon Elwood, Jr	795	712	729	766	717	522	282
	630	Ford, Richard Hager	892	733	326	529	876	531	438
	*19	**Fortmeyer, Raymond Dale**	114	86	52	73	43	57	17
	308	Foster, John Fyan	1	279	232	176	671	779	52

Relative standing of the midshipmen of the present third class (class of 1952), for the first year of their academic course, 913 members, June 1949—Continued

Symbol (see p. 29)	Relative standing for academic year	Name	Relative standing in— Conduct	M. E.	Math.	E. E.	E. H. & G.	Foreign langs.	Phys. trng.
	865	Frank, Lawrence Fred	274	664	808	796	883	879	501
	666	French, Robert Torbet	501	717	743	267	749	702	391
	559	Friedman, Karl Morris	819	826	416	392	727	338	792
	834	Fudala, Francis Alexander	437	813	895	865	695	229	391
	410	Fuelling, Paul William, Jr	620	488	382	519	207	510	391
	714	Fuller, James George	735	465	863	760	447	278	282
	305	Fuller, John Paul	501	381	482	257	377	147	391
	569	Fulmer, John Gordon	274	531	823	698	73	157	576
	705	Gagliardo, Joseph Peter, Jr	274	832	767	746	558	149	542
	82	Gair, Bruce Otto	1	142	66	108	78	365	872
	487	Gallinger, William Davis	735	302	563	416	566	604	22
	281	Garland, Daniel Harper	666	394	541	136	542	120	31
	*24	**Gay, Robert Anson**	1	3	40	133	148	98	43
	177	Genter, Ernest Redfield, Jr	807	2	231	131	261	565	773
	203	George, George Abraham	114	500	359	188	41	156	669
	*59	**Geriak, Richard**	735	11	232	149	35	79	65
	722	German, Paul King, Jr	501	727	698	732	739	343	827
	818	Giles, Charles Walton	792	476	834	639	836	782	805
	391	Gillcrist, Paul Thomas	696	444	599	767	48	26	113
	504	Gilligan, Eugene Francis, Jr	197	504	533	738	210	397	475
	*40	**Girard, Raymond Francis, Jr**	663	27	66	126	117	93	52
	*69	**Givens, Edward Galen, Jr**	666	98	3	111	480	336	501
	275	Gonsalves, Lenine	567	218	463	508	493	1	857
	127	Gooding, William James, Jr	620	626	164	227	21	87	321
	598	Gorman, Robert Hinds	615	381	501	718	686	585	438
	753	Goslin, Thomas Clinton, Jr	56	742	640	548	718	897	152
	114	Gottesman, Jerome William	364	504	118	392	6	135	282
	293	Gragg, Walter Lee, Jr	696	159	409	148	537	446	438
	485	Grammer, Frederick Edward, Jr	114	279	576	341	636	652	391
	217	Grant, Richard Thomas	56	524	217	170	480	257	152
	553	Gray, Harvey, Jr	114	202	389	581	289	901	694
	210	Gray, Walter Scott, III	735	238	208	269	97	360	321
	397	Greer, Edward Francis, Jr	501	792	384	529	422	69	350
	500	Gregory, Richard Kent	561	495	584	389	573	613	1
	754	Griffin, Thomas Lee, Jr	274	742	717	718	701	725	152
	624	Griffing, Donald Alford	769	657	614	525	751	369	576
	289	Grimes, Fred Michael	887	212	194	247	520	480	321
	*36	**Gronewold, George Frederick, Jr**	501	43	5	14	299	446	641
	278	Gronlund, Thomas Richard	113	212	270	184	510	698	130
	838	Gross, Ralph, Jr	567	524	885	829	414	780	723
	799	Grover, David Beckham	1	492	735	833	438	840	906
	363	Gruppe, Henry Emile	769	222	411	600	266	242	321
	258	Gulley, Robert Bracy	114	556	412	87	295	267	694
	412	Gunther, Donald Everett	559	242	576	325	362	470	391
	283	Gurney, Charles Edwin, III	567	79	501	284	100	472	130
	*23	**Gustavson, Arthur Robert**	114	122	49	13	201	32	669
	565	Guzman, Santiago, Jr	437	640	688	788	626	7	842
	681	Hagren, John Arthur	819	878	508	642	765	381	130
	123	Hackett, John Joseph	274	142	326	252	3	197	391
	467	Hagan, James Stokes	857	208	525	490	552	319	773
	628	Haggard, Howard Frank	274	835	631	730	400	255	189
	849	Hagein, Joseph Harold Stephen	114	577	796	754	695	994	891
10	421	Haigh, Alfred Douglas, Jr	114	413	571	631	63	352	321
	767	Hall, Clifton Elwood, Jr	696	644	735	711	370	888	4
	297	Hamil Thomas Arthur	766	95	501	297	257	249	391
b	561	Hamilton, Roger Ready	437	673	637	688	222	143	879
	126	Hamilton, Walter Scott	872	381	18	78	510	348	350

Relative standing of the midshipmen of the present third class (class of 1952), for the first year of their academic course, 913 members, June 1949 —Continued

Symbol (see p. 29)	Relative standing for academic year	Name	Relative standing in— Conduct	M. E.	Math.	E. E.	E. H. & G.	Foreign langs.	Phys. trng.
	816	Hanna, Robert Arnold	501	788	838	889	142	688	542
	579	Hannegan, Frank Nebeker	501	265	507	778	414	646	501
	875	Hansen, Robert Frederick	364	792	849	796	846	870	669
	129	Hansen, Whitney	501	349	270	170	27	204	52
	723	Hardesty, John Frederick	795	524	634	465	811	877	94
	316	Hardisty, Huntington	823	583	362	208	227	360	245
	300	Harper, Rollin Hill, Jr	1	788	195	407	386	177	350
2	*Inc.*	Harrington, Lester Garth	429	*Inc.*	*Inc.*	*Inc.*	*Inc.*	*Inc.*	245
	*48	**Hart, Richard Leland**	1	5	34	257	266	83	438
	817	Harthorn, William George	114	816	717	700	874	763	608
th	379	Hartley, John Donald	56	67	295	436	867	583	282
	435	Hartranft, Milton Lee	114	573	72	316	906	834	152
	735	Hatcher, George Martin	788	358	590	778	622	852	438
	418	Hattin, Ronald Farrell	735	371	515	400	386	282	773
	510	Hauff, Frank William, Jr	696	430	543	485	249	754	52
	685	Hazlett, Wendell Thomas	1	603	783	454	295	829	216
	763	Headley, Allen Brundage	567	302	751	778	864	695	43
	744	Hedberg, Arthur Jerome, Jr	501	135	727	778	552	843	805
	119	Hedges, Ralph Richard	274	478	144	99	51	437	94
	112	Heffernan, George Aubin	197	559	121	176	330	42	282
	327	Helland, Gerald Herbert	620	329	254	394	620	480	5
	171	Helsel, James Francis	1	373	217	246	183	218	94
	823	Henderson, William Simpson, Jr	887	758	828	782	160	809	438
	533	Henry, Charles William, Jr	197	708	555	647	441	247	542
	515	Hess, Adolph William, Jr	56	46	540	498	660	792	827
	576	Hester, Harold Hayne	114	592	722	416	525	440	576
	161	Hester, Keete Lockett	114	54	86	99	573	695	694
	371	Hewitt, Lester Rolin, Jr	437	437	257	437	612	487	438
4	896	Hicks, Edward Harold, Jr	666	884	735	895	899	905	216
	176	Hicks, Harold Francis, Jr	274	465	165	70	469	360	350
	*30	**Hicks, Lawrence Frederick**	364	118	32	67	94	52	321
	497	Hilfrank, William Edward	437	321	498	556	310	688	391
	436	Hill, Robert Edmond	696	103	762	735	53	52	608
	*77	**Hilland, Carl Boyd**	566	616	60	52	148	76	642
1	517	Hine, Robert Edmond	807	535	555	554	289	462	321
	400	Hines, Frank Lewis	567	785	74	428	840	564	216
	694	Hipple, William John	501	758	659	725	496	542	189
	824	Hittle, Kenneth Earl	862	862	571	901	844	515	130
1	890	Hoffman, Eugene Ray	909	910	817	864	310	792	65
	497	Hoge, James Howard	501	682	519	404	653	310	723
	542	Holland, Joel Kent	274	444	705	533	174	617	27
	544	Hollick, Fredrick Basil	114	81	459	654	653	790	694
	*14	**Holmes, Lee Maurice**	735	43	55	26	4	116	282
	238	Holmes, William Patton	274	212	399	431	10	236	475
	809	Holzwarth, Robert Frederick	437	895	779	816	148	698	773
	882	Honaker, Jim Scott	872	430	863	865	872	874	576
	477	Honeywell, James Owens, Jr	197	650	243	365	836	550	904
	294	Horn, Donald Noel	501	71	286	482	461	418	130
	198	Horne, Charles Francis, III	902	302	99	425	201	93	78
	459	House, Harry Merritt	56	247	215	574	765	730	872
	408	Houston, Jesse Barnes, Jr	114	81	364	659	701	415	608
	340	Howell, Robert Lynn	567	298	302	280	636	522	321
	338	Hoyt, William Brenner	114	212	102	194	859	869	391
th	143	Hubbard, Rufus George	197	166	158	110	441	260	827
	811	Hudgens, Albert Neil	1	796	705	824	679	743	879
	134	Hughes, Wayne Philo, Jr	1	31	261	218	90	402	216
	456	Hull, George Thomas	666	205	705	391	37	540	805

Relative standing of the midshipmen of the present third class (class of 1952), for the first year of their academic course, 913 members, June 1949—Continued

Symbol (see p. 29)	Relative standing for academic year	Name	Relative standing in—						
			Conduct	M. E.	Math.	E. E.	E. H. & G.	Foreign langs.	Phys. trng.
	219	Hunt, Harvison	735	205	324	404	194.	98	10
	507	Hunter, Thomas Holland, Jr	792	500	599	487	282	427	350
	564	Hutton, John Edward, Jr	56	535	452	452	742	730	694
	405	Hyndman, Gerald Henry	56	461	339	320	755	628	130
	614	Iannotti, Lawrence William	364	524	796	782	58	236	773
	273	Ilsemann, Frederick Joseph, Jr	114	640	225	590	113	87	501
	792	Inman, John Price	696	769	646	859	817	652	78
	81	Isidoro, Robert Joseph	769	453	118	28	282	46	805
	326	Jackson, Arthur Duane	114	381	339	308	240	592	245
	545	Jackson, Dempster McKee	274	187	412	466	855	757	723
	531	Jacob, Robert Earl	114	45	704	514	732	441	827
	434	Jacob, Thomas Harrison	114	796	432	659	56	267	475
	634	Jacobson, William Anthony	828	657	671	739	85	453	542
	366	Jameson, Henry Chester, Jr	735	89	469	238	471	573	842
	397	Jarosz, Joseph Andrew	429	590	346	347	447	493	669
	214	Jayne, Gordon Howland	197	361	152	185	368	515	152
	335	Jeffries, John Warren	501	413	137	285	878	434	608
	659	Jensen, Donald Eugene	567	302	646	592	406	797	842
	366	Johnson, Clarence Louis	274	473	418	230	447	565	321
	540	Johnson, Donald Lloyd	559	145	444	767	525	717	152
	764	Johnson, Donald Metz	364	758	745	828	303	623	669
	745	Johnson, Frederick Charles	1	697	729	807	240	774	501
	534	Johnson, Paul Wayne	501	512	436	571	597	734	22
	224	Johnson, Roger Wayne	197	81	76	165	821	676	542
	195	Johnston, Richard Lindy	114	21	71	347	227	747	642
	284	Jones, John Lindley	114	373	230	373	644	229	438
	773	Jones, John Paul	696	413	698	742	695	817	792
	807	Jones, Robert Donovan	437	692	779	859	644	693	576
	826	Jones, Wilson McClaran	620	867	576	874	857	663	857
	783	Jordan, Roy Harding	828	863	771	263	330	890	773
	359	Josephson, Henning Carl	696	728	469	403	190	116	189
	665	Joyce, Robert Thomas	56	444	436	665	903	714	608
	*39	**Joye, Clealand Mason, Jr**	114	109	58	82	29	152	475
	*16	**Julian, Thomas Anthony**	666	75	96	10	30	44	438
	228	Kampe, Robert Frederick	364	279	295	476	261	40	113
	311	Kanakanui, Richard Dwight	795	522	259	377	131	412	321
	521	Kane, Franklin	364	171	618	715	368	529	31
	610	Karbus, Joseph Eugene	728	708	574	466	542	583	694
	*30	**Karbala, Curtis Arnold**	274	37	76	21	341	102	94
	113	Keane, James Philip	197	807	106	185	80	14	872
4	864	Keifert, Darrell Clinton	868	804	863	844	901	322	391
14	821	Kellam, Frank Milton, Jr	766	669	892	907	249	260	576
	278	Kelln, Albert Lee	197	37	241	115	835	729	694
	643	Kelly, Robert Charles	364	413	806	472	400	652	321
	139	Kelly, William Bernard	56	159	222	250	167	170	189
	707	Kennedy, William Bowdoin	197	166	808	700	323	726	872
	786	Kennon, John Warren	878	296	852	748	113	824	669
	750	Kermes, Albert Jack	197	782	735	782	644	550	216
	109	Kerr, Larry Bailey	364	92	88	18	660	681	152
	675	Kershaw, Daniel Joseph	274	688	716	744	142	646	321
	420	Kersteen, Richard Elmer	857	626	212	593	592	299	576
	248	Kiechel, Doane Frederick, Jr	56	150	93	322	461	666	669
	748	Kilduff, Paul Edmund	735	794	819	642	701	236	773
	356	King, Edwin Harris, Jr	274	858	232	482	455	187	5
	508	King, James Carl, Jr	197	461	683	479	113	577	391
	*35	**Kirk, William Leroy**	620	512	25	3	148	125	642
tb	375	Knapp, Walter Charles	114	190	515	636	214	212	542

Relative standing of the midshipmen of the present third class (class of 1952), for the first year of their academic course, 913 members, June 1949—Continued

Symbol (see p. 29)	Relative standing for academic year	Name	Relative standing in— Conduct	M. E.	Math.	E. E.	E. H. & G.	Foreign langs.	Phys. trng.
1	117	Knight, Robert Harold	114	159	190	119	117	405	189
	102	Knipple, Herbert Carl	735	486	49	195	107	140	321
	246	Knowles, Arthur Duggan	364	746	15	311	282	531	694
	262	Knutson, Wilbert Duane	274	40	113	291	712	774	282
	834	Koger, Gerald Herman	795	413	838	879	370	863	542
	178	Kooch, Jack Wendell	862	7	282	198	38	565	245
	419	Kosmela, Walter Theodore	56	712	282	241	850	513	642
	*34	**Kovarick, Frank Lutter**	114	31	19	53	123	291	501
	783	Kraft, Frederick Wendell	197	707	702	793	589	824	350
	151	Kubal, George Jerome	696	125	215	311	310	74	27
	181	Kummerow, Ray Gilbert	666	318	152	270	64	304	723
	441	Kuncas, John William	437	413	409	425	778	507	78
	725	Kunze, Martin Wilckens	735	156	783	682	622	765	475
	588	Kyle, John Shepherd	620	696	675	608	299	271	669
	461	Lackey, Harry Alfred, II	274	637	403	383	749	462	321
	348	Lacy, Joe Richard	567	465	384	342	651	207	216
	745	Ladas, Basil John	1	688	881	750	30	489	904
	470	Lallement, Maurice Italo	56	361	450	469	597	708	152
	*65	**Lambert, Lloyd Milton, Jr**	274	106	74	225	38	227	52
	140	Lamoy, Elwin Francis	1	321	183	187	257	204	152
	192	Lancaster, Robert William	197	54	202	65	778	531	350
10	148	Lang, David Wall	364	373	547	399	386	456	750
	852	Langford, John McClellan	274	644	834	881	801	819	189
	769	Langloh, Walther Gusteav	274	831	755	668	817	493	216
	573	Larimer, Walker Ames	274	329	749	492	502	456	438
	663	Larsen, Lars Peter	364	785	606	606	653	462	694
	*75	**Larsen, Richard Lee**	501	434	88	42	303	135	94
	236	Laulor, Richard John	56	247	172	518	156	347	282
	716	Laux, William Joseph, Jr	870	247	859	814	142	369	723
	885	Lavin, Charles Vincent	857	749	857	888	724	866	608
	450	Lay, James Odo	197	746	418	534	323	304	642
	136	Layman, Lawrence	274	138	125	229	271	236	750
	855	Leedy, Myron, Jr	894	407	800	724	862	871	608
	667	LeMoal, Andrew Yves	828	852	627	693	430	212	608
	254	Lenox, Glen Walter	437	224	197	474	377	234	216
	115	Leonard, Edward Jones	1	341	257	76	218	102	542
	830	Lepthien, William Gilmore	810	835	651	688	859	873	113
	552	Leslie, John Lewis, Jr	906	717	232	455	898	286	350
	305	Lester, George William, Jr	56	270	349	175	471	618	438
16	519	Lewis, Harold Michael James, Jr	501	224	689	457	268	545	694
	825	Lewis, Harold Paul	810	503	777	754	836	819	608
	336	Lidel, Carl John	769	135	190	363	510	599	891
	657	Lindsay, Prentice Albert	274	345	683	560	455	797	642
	624	Link, James Frederick	620	500	598	491	805	642	245
	822	Liontas, Nicholas Arthur	845	413	817	782	589	880	152
	589	Locke, Walter Michael	868	190	705	212	854	522	792
	403	Lockwood, Douglas Leonard	666	349	179	504	480	802	216
	*20	**Lockwood, Forrest Patterson**	197	52	86	122	53	5	608
	189	Loposer, Avery Kenneth, Jr	498	247	241	215	222	105	842
	333	Lossing, Fay Allan, Jr	696	552	423	560	69	125	189
	168	Lovell, James Arthur, Jr	810	176	183	44	362	493	542
	388	Luckett, Thomas William	114	57	403	639	160	618	805
	668	Lumsden, Richard Elbyrne	696	657	657	805	148	480	827
	401	Lusby, William Arthur, Jr	1	626	387	337	844	291	78
	263	Lutz, Theodore Joseph, Jr	567	677	197	396	561	23	391
	850	Lykes, William Frank Gibbes	274	886	867	852	249	743	501
	832	Lyons, James Aloysius, Jr	912	813	606	748	695	770	152

Relative standing of the midshipmen of the present third class (class of 1952), for the first year of their academic course, 913 members, June 1949—Continued

Symbol (see p. 29)	Relative standing for academic year	Name	Relative standing in— Conduct	M. E.	Math.	E. E.	E. H. & G.	Foreign langs.	Phys. trng.
	*70	**Lyons, Richard Curtis**	364	155	35	29	686	320	94
	617	Lyons, Thomas William, Jr	114	453	698	656	409	660	31
	641	MacDonald, William Palmer	620	289	727	597	246	720	773
	514	MacLafferty, Paul Stonebraker	56	816	337	400	626	585	865
	132	Macomber, Victor Kingsland	559	559	162	60	164	355	113
	470	MacPherson, John Joseph	620	611	403	394	566	573	350
5	526	Madigan, James Alonzo	437	567	610	375	422	613	113
	230	Maich, Robert Charles	364	535	125	65	679	513	750
	788	Malament, Jerome Morton	870	858	733	671	561	326	908
	777	Malmgren, Everett Louis	437	644	856	796	200	704	350
	778	Maloney, Peter Michael	364	669	589	725	852	846	475
	122	Manara, Vincent Joseph, Jr	567	390	172	191	83	147	189
	628	Manfredi, John Philip	897	138	594	674	386	652	723
	472	Manning, Martin Francis, Jr	114	390	675	746	35	207	608
	*11	**Manring, Charles David**	197	56	12	11	8	310	10
	370	Marchand, Jean Maurice	620	300	371	424	676	304	391
	184	Markum, Joseph Aloysius, Jr	1	106	232	256	249	217	805
	649	Marshall, John Crosby	197	227	800	788	345	339	694
	98	Martin, Clyde Desmond, Jr	197	10	165	219	465	77	642
	209	Masi, Joseph Louis	696	190	322	257	190	131	391
	750	Mason, Albert Grant	666	855	522	679	589	761	891
	166	Mason, Lewis Henry	501	127	162	147	345	396	694
	820	Masse, Donald Michael	735	742	808	809	827	592	245
	696	Mathers, Robert Gilbert	197	857	651	685	411	490	501
	475	Mathis, Thomas Ronald	56	667	452	565	520	393	282
	200	Maughan, William Patrick	501	531	248	156	121	187	773
	*74	**Mauldin, Mack, Jr**	1	92	232	111	71	49	642
	455	Maxson, William Burdette	620	407	614	609	107	260	501
	*38	**May, David Chapin, Jr**	274	182	197	88	12	15	216
	499	Mayer, John Henry	620	247	567	489	665	339	842
	819	McAneny, Alan Murdock	728	826	786	859	233	743	669
	854	McCabe, Joe Bob	696	577	800	878	824	874	17
	738	McCafferty, William Edward	501	717	775	825	289	581	130
16	883	McCampbell, John Donald, Jr	807	799	906	832	605	681	13
	806	McCandless, John Richard	274	740	717	839	561	857	152
	771	McCarty, Richard William	56	749	669	703	889	573	542
	575	McCollum, Arthur Howard, Jr	1	611	662	619	303	369	827
	752	McConnell, William Ellsworth	501	826	677	656	542	688	805
	141	McCutcheon, Edwin Lage	567	159	121	151	397	384	245
	184	McDonald, Charles Chalmers	872	413	158	115	164	310	608
	524	McDonald, Francis Edward	615	586	555	626	510	333	78
	*18	**McDonald, Robert Patrick**	56	190	43	1	233	107	282
	*4	**McEvers, Robert Darwin**	56	190	9	6	9	135	31
	*45	**McEwen, Thomas Carothers, Jr**	437	65	8	54	139	473	245
	718	McFeeters, James Richard	437	453	767	594	502	812	350
	*42	**McGaughy, Richard Wayne**	56	84	104	40	222	62	608
	444	McGee, Bernard Joseph	810	371	368	645	341	437	391
	518	McGowan, Joseph James, Jr	274	465	525	703	299	510	245
	347	McKeown, John Mayo	274	182	391	167	356	754	773
	814	McKinley, Jack Stanley	501	872	683	892	386	719	245
4	879	McLafferty, Francis Richard	435	495	902	895	370	817	642
	837	McLawhorn, Nicholas Leon, Jr	274	845	749	845	323	866	750
	280	McMillan, David Rice, Jr	114	361	316	416	597	62	475
	374	McMillan, Louis Kelly, Jr	666	476	399	323	117	637	350
	147	McNeely, James Sproule	1	274	177	340	370	43	113
	566	McPadden, Donald Francis Xavier	567	822	529	548	257	453	576
	711	McRorie, Chester Earl	894	453	745	684	510	577	65

Relative standing of the midshipmen of the present third class (class of 1952), for the first year of their academic course, 913 members, June 1949—Continued

Symbol (see p. 29)	Relative standing for academic year	Name	Relative standing in— Conduct	M. E.	Math.	E. E.	E. H. & G.	Foreign langs.	Phys. trng.
	846	McWilliam, John Robert	437	870	800	809	660	757	608
	128	Mead, Theodore Edward	620	189	183	104	665	111	65
2	749	Meder, John O'Connor, Jr	1	830	705	739	610	569	(1)
	85	Meeks, Thomas Leland	274	142	102	139	214	229	321
	476	Melchor, Alejandro, Jr	1	294	488	737	727	187	542
	322	Meltzer, Melvin	559	650	225	420	240	242	842
	429	Mercer, Stanley Lee	437	437	423	411	233	592	842
	*6	**Michaels, Robert John**	114	18	38	19	67	17	113
	726	Miles, William Beall	272	758	669	618	502	824	113
	468	Miller, Bruce Alan	197	91	625	731	136	475	282
	604	Miller, Francis Harold	899	413	371	528	795	720	438
	659	Milliman, Crosby	437	465	788	829	370	173	608
	318	Mitchell, Harry Martin	56	765	371	278	268	167	438
	137	Mitchell, John Robert Cummings	56	27	224	242	194	326	321
	225	Mitchell, Leland Gayle	501	437	146	161	510	405	542
	180	Monopoli, Richard Vito	437	302	152	243	377	212	245
	285	Moody, Thomas John	114	425	305	215	755	236	321
	346	Moore, Arthur Henry	56	822	143	482	581	288	438
	698	Moore, Charles Edward	364	349	808	627	626	628	189
	172	Moore, Virgil Wayne, Jr	56	182	171	207	377	291	642
	537	Moravec, Robert	56	623	533	653	356	441	608
	691	Morel, Silva Manuel de Jesus	886	488	625	604	893	260	694
	877	Morelli, Frank Patrick	735	848	851	842	799	850	113
	211	Morgan, Harry Thompson, Jr	1	535	108	233	736	164	475
	790	Morgan, Joseph Railton	1	562	857	819	793	372	750
	794	Morgenthaler, Wendell Phillips Crabbe, Jr	274	893	760	715	261	720	694
	503	Morrin, Richard Bruce	620	807	702	494	336	19	501
	330	Morris, Robert Elliott	197	504	243	383	776	365	2
	631	Morrison, James Arthur, Jr	114	762	463	802	762	326	576
	550	Morrow, George Frederick	274	708	584	521	275	599	52
	712	Moser, Edgar Strock	56	824	606	760	552	618	282
	674	Moss, McKenzie	197	270	831	765	46	750	216
	*68	**Moushey, Michael Clarence**	1	125	70	139	240	152	391
	291	Mulcahy, Richard Thomas	1	465	365	412	222	120	792
	620	Mullane, Thomas Frederick	696	841	430	500	751	531	576
	585	Mulloy, Paul Joseph	666	812	779	754	58	62	65
	451	Munson, Clarence Nash	1	394	631	270	194	720	321
	621	Munson, Jack Victor	197	640	575	675	863	291	189
	504	Murphy, Douglas Charles	274	247	614	506	174	659	723
	677	Murray, Harry Stanley	1	616	635	628	441	806	245
4	901	Murray, Thomas Francis	891	753	899	903	830	853	576
	*9	**Myers, David Malcolm**	114	48	31	8	20	73	501
	*60	**Nachtrab, Herbert Richard, Jr**	274	212	79	75	310	98	94
	88	Naugle, James Orin	620	59	99	20	605	456	282
	270	Nelson, John Rockwood	429	749	208	308	362	151	245
	268	Newland, Charles William	732	302	396	139	67	515	669
	548	Newton, Howard James, Jr	769	425	316	622	684	749	350
	392	Niederkrome, James Seymour	567	680	344	498	131	348	842
	386	Noell, Paul Edward	795	600	571	214	438	229	113
	103	Norman, Thomas Victor, Jr	56	159	26	196	612	187	608
	353	Novak, Lawrence Albert	615	677	316	313	695	218	216
	445	Nulty, Jerome Barry	769	556	705	102	447	432	(1)
	757	Numbers, Earl Wallace	883	265	740	851	537	599	723
	*37	**Nunneley, James Kenneth**	114	176	66	31	227	77	350

(1) Due to temporary physical disability, unable to complete required work in Physical Training. A calculated average was used in the computation of relative standing assigned for fourth class year.

Relative standing of the midshipmen of the present third class (class of 1952), for the first year of their academic course, 913 members, June 1949—Continued

Symbol (see p. 29)	Relative standing for academic year	Name	Relative standing in— Conduct	M. E.	Math.	E. E.	E. H. & G.	Foreign langs.	Phys. trng.
	214	Nyvold, Robert Herman	274	657	243	139	78	365	501
	687	O'Connell, John Francis	501	677	762	560	406	484	842
	551	O'Connor, Dennis Edward Watson	567	712	621	654	113	389	130
	536	O'Connor, John Edward	197	782	679	619	386	86	78
	351	Oder, Howard Wayne	501	570	591	316	76	180	391
	453	O'Donnell, John William	567	341	637	132	626	670	350
	730	O'Grady, John Francis	878	897	359	502	762	831	321
	*71	**Okun, Sherman Kenneth**	361	329	66	27	282	173	805
	458	Olson, Milton Jerome	1	769	498	556	123	218	895
	590	O'Malley, John Anthony, Jr	274	547	515	617	537	707	350
	106	Organ, James William	769	453	96	168	111	125	216
	481	Ortiz, Marvin	437	535	581	376	261	490	773
	509	Ortiz-Benitez, Modesto	872	902	282	890	249	11	130
4	906	Osterhout, Robert William	114	722	907	898	686	906	694
	697	Ott, Billie Don	437	616	477	752	778	770	542
	520	Owen, John Robert	364	535	525	479	509	592	438
	622	Owens, Robert Andrew	567	274	722	290	636	806	723
	708	Pacl, Lawrence Jefferson	728	626	671	721	755	355	827
	429	Palmer, William Joseph, Jr	56	626	501	443	665	111	805
	638	Paluso, Edward Morgan	878	753	533	521	520	637	130
	627	Paris, Thomas Albert	728	166	677	803	480	522	189
	698	Parker, Evan Lester, Jr	197	465	805	732	400	558	245
	656	Pastorino, Edward Thomas	810	876	555	682	249	503	152
	596	Patterson, James Robert	364	673	637	274	769	623	501
	*52	**Paulk, John Irvine**	114	279	1	63	721	158	350
	459	Payne, Douglas Wilkinson	501	437	252	400	525	859	542
	594	Payne, Dwight Ernest	567	535	418	837	434	611	189
	255	Payne, George Patrick	827	40	197	292	721	422	130
	*43	**Pearson, John Frederick, Jr**	274	48	172	107	50	33	438
	415	Peters, Paul Frederick	696	858	336	365	480	111	842
	387	Pettigrew, Richard Ross	274	801	277	354	471	278	865
	736	Phillips, Edwin Lawrence, Jr	735	512	729	859	356	698	52
	842	Phillips, John Thomas	364	725	729	886	765	853	245
	676	Phillips, Robert Ahner	501	336	581	642	808	711	805
	*15	**Phillips, Robert Noel**	364	22	6	68	77	79	723
	222	Phillips, William George	56	326	149	192	356	493	750
	*58	**Pidkowicz, Joseph**	769	321	60	4	174	310	669
	672	Pike, Thomas Jerome	841	577	659	647	261	734	130
	242	Pike, William Edward	56	349	254	254	337	271	642
	746	Platt, Grafton Steele	696	880	588	706	441	730	282
	525	Podaras, Nicholas Charles	364	504	568	630	525	282	642
	341	Poggi de Araujo, Luiz Fernando Pimentel	274	488	56	487	890	299	723
	586	Pohli, Richard Roland	828	697	621	624	493	161	576
	237	Pohlman, Jack Richard	567	75	118	278	319	607	891
	94	Polatty, Donald Bullock	735	53	43	51	183	670	723
	403	Pollak, Charles Duane	114	732	403	466	33	569	501
	190	Pollak, Morris	114	31	202	162	809	166	898
	133	Portney, Joseph Nathaniel	437	870	131	90	160	18	694
	478	Potts, Raymond Albert	274	381	248	538	788	737	542
	364	Prihble, Harry Allen	501	492	344	381	588	372	189
	804	Price, George Edward, Jr	666	909	592	656	751	547	900
	572	Price, Kenneth Richard	364	102	592	305	885	784	245
	196	Prince, Neil Ellis	364	140	261	253	295	210	350
	425	Prueher, Roi Francis, Jr	364	326	459	301	653	635	350
	651	Pucylowski, Francis Ward	114	381	568	560	795	802	438
	642	Pugh, Jack Murray	364	706	519	739	400	599	792

Relative standing of the midshipmen of the present third class (class of 1952), for the first year of their academic course, 913 members, June 1949—Continued

Symbol (see p. 29)	Relative standing for academic year	Name	Relative standing in— Conduct	M. E.	Math.	E. E.	E. H. & G.	Foreign langs.	Phys. trng.
	282	Quartararo, Michael Anthony	810	239	423	383	65	302	31
	299	Quimby, William Everett	197	444	396	534	386	37	52
	637	Quin, Clayton Westhrook	364	684	450	500	774	806	501
	521	Quinn, James Lee, Jr	364	329	562	460	871	310	475
	388	Quinn, Robert Thomas	114	349	605	325	400	289	282
	679	Rafalowski, Joseph William, Jr	114	224	643	794	769	642	391
	350	Ramsey, Forrest Gladstone, Jr	114	478	508	294	65	484	576
	179	Randolph, Joseph Leslie	114	132	412	91	94	352	475
	412	Rapkin, Jerome	197	68	522	525	337	461	865
	323	Read, Charles Harold Wickliffe, Jr	769	749	377	146	480	184	350
	775	Reed, Robert Gaylord	56	877	594	538	788	857	542
	655	Reed, William Howard	567	640	525	834	323	711	94
	100	Reedy, Thomas Morris	114	208	165	70	299	177	642
th	357	Reichelderfer, Bruce Allen	274	171	541	178	636	479	542
	454	Reichmuth, Charles Ferdinand	274	345	484	227	665	730	694
	494	Reid, Donald Emerson	114	296	611	767	100	339	576
	659	Richard, Jackie Bethune	735	547	563	752	809	422	391
	242	Richards, William David	274	547	205	219	139	420	642
	633	Richardson, Jack Edgar, Jr	903	853	651	839	18	120	94
th	797	Richerson, Rae Edward	910	765	692	476	867	637	5
	199	Richter, Edward Bailey	501	345	151	301	480	125	321
	407	Ries, Allen Louis	620	150	444	571	322	542	113
	225	Riggs, Weldon Max	437	373	307	208	201	278	130
	801	Rioux, Richard Jerome	274	616	889	845	411	339	857
	174	Rivers, Wendell Burke	437	312	232	222	201	152	282
	840	Roach, Colin Donald	1	847	870	788	471	765	391
	259	Roaldi, Oscar Bernard	197	495	436	94	337	133	885
	160	Roalsen, Donald James	567	127	73	287	107	585	245
	138	Roane, Donald Patterson	620	71	205	97	83	405	888
	845	Robbins, Richard Eugene	735	666	837	581	904	770	750
	369	Roberts, William Edwin, Jr	114	247	337	427	337	550	865
	396	Roberts, William Eugene	567	413	332	460	817	276	350
	267	Roby, Grady Harold	56	95	147	270	769	674	282
	426	Rodeen, James	114	312	508	567	712	229	152
	86	Roesch, Malvin Burt	274	239	113	133	274	108	245
	639	Rollins, James "J"	364	736	627	521	805	462	130
16	765	Ross, Ray Meredith	666	603	880	762	653	351	43
16	894	Rossie, Richard Lee	853	535	889	871	907	846	391
	175	Rottler, William Drayton	56	116	212	79	227	604	805
	312	Rowden, William Henry	197	504	261	372	201	493	391
	626	Ruesswick, Douglas Lee	437	488	545	494	622	824	542
	330	Ryan, William Jardine	892	435	389	215	282	326	130
	619	Sabec, Edwin John	364	676	594	545	471	547	857
	796	Sadowski, Henry Robert	197	794	819	883	561	405	152
	*13	**Sagerholm, James Alvin**	56	159	12	55	13	62	189
	866	Sammons, Joseph Earl	810	878	698	882	778	785	694
	343	Sanchez, Manuel Patricio	364	109	138	508	799	613	576
	301	Santucci, Carlo Vincent	735	373	277	212	531	400	576
	768	Sapp, John, Jr	735	868	717	745	765	197	872
16	870	Satterwhite, Hugh Conway, Jr	567	850	788	754	878	843	669
	462	Saulnier, George Irwin	114	863	355	636	705	21	805
	489	Saxer, Richard Karl	197	394	350	571	712	736	52
	776	Sayer, William Dougherty	567	247	697	609	882	886	152
	213	Sayre, Robert Eugene, Jr	735	403	261	162	233	271	189
	402	Scalese, Anthony Carmine, Jr	1	531	484	435	537	115	900
16	791	Schaffrath, Henry George, Jr	666	65	791	725	866	859	282
	148	Schifferli, Walter Frederic, Jr	437	349	79	361	218	120	391

Relative standing of the midshipmen of the present third class (class of 1952), for the first year of their academic course, 913 members, June 1949—Continued

Symbol (see p. 29)	Relative standing for academic year	Name	Relative standing in—						
			Conduct	M. E.	Math.	E. E.	E. H. & G.	Foreign langs.	Phys. trng.
	227	Schlosser, Robert Berton	361	368	88	170	660	598	152
	571	Schluter, Hugo Ernst	197	220	806	698	90	343	792
	872	Schmitz, Joseph Warren	905	896	813	852	671	646	282
	447	Schultz, Ernest Gordon	274	708	350	354	447	613	669
4	896	Schultz, Frank, Jr	914	903	859	839	686	693	475
	110	Schulze, Robert Harold	272	773	58	64	111	247	542
	680	Schurr, Thomas Paul	364	336	484	712	732	866	475
	92	Schwartz, John William	364	103	140	235	207	62	501
	893	Scolpino, Frank Joseph, Jr	501	868	828	893	884	877	65
	422	Scott, Richard Hilling	620	265	332	432	727	527	723
	377	Scrudato, Joseph Frank	567	881	339	398	275	91	501
	799	Sebes, Edward Andrew	364	611	791	849	788	522	750
	303	Seeger, Charles Edward	364	70	436	446	341	276	321
	344	Seljos, Lloyd Thorval	620	611	515	328	128	74	840
	244	Sell, John Richard	197	68	346	362	480	207	94
	521	Semotan, William Frederick	501	478	365	609	712	628	282
	830	Severs, George Edward	437	697	876	825	610	714	391
	785	Shaklee, Harold Gordon	559	600	796	735	370	840	216
	709	Shanahan, William Francis	274	905	705	693	480	143	723
	547	Shanken, Martin Lewis	364	444	365	855	851	304	22
	332	Shaw, Ronald Glenn	567	780	432	420	422	8	438
	727	Sheehan, John Eugene	620	590	867	693	38	676	608
	560	Sheehan, William Francis, Jr	114	135	682	538	558	550	773
	469	Sheldon, Robert Edward	274	145	350	527	510	810	773
	465	Shellman, Curtis Barnett, Jr	114	361	490	350	827	515	282
	609	Sherar, Joseph William	437	187	659	767	256	646	608
	276	Shillinger, George Lewis, Jr	853	35	32	333	686	846	152
2	*Inc.*	Shimanek, Richard Glade	364	*Inc.*	*Inc.*	*Inc.*	*Inc.*	*Inc.*	827
	490	Shipley, Robert Wheeler	498	336	552	513	294	660	152
	339	Shiver, Edwin Calhoun	769	279	594	345	80	164	438
4	852	Shoemaker, Thomas Coe	894	904	886	901	493	23	282
	*1	**Sierer, Payson Dwight, Jr**	197	71	26	5	25	13	78
tb	219	Simons, Donald William	274	19	384	339	542	79	321
	240	Sims, Gelzer Loyall, Jr	437	302	165	265	620	343	152
	462	Sjaastad, Gerald Don	197	650	399	323	167	846	282
	145	Skantze, Lawrence Albert	845	156	295	261	167	26	22
	*55	**Slayton, George Robert**	114	519	52	34	323	20	805
	439	Smith, Carol Castleman, Jr	567	774	282	702	125	493	78
	231	Smith, Charles William	364	294	60	128	896	446	321
	867	Smith, Douglas Byron, Jr	735	901	804	814	573	862	189
tb	336	Smith, Ferris MacArthur	620	173	490	247	430	480	43
	646	Smith, Frederick Elmer, Jr	881	622	391	855	182	688	669
	201	Smith, Gilbert Elwood	364	239	138	94	323	646	773
	670	Smith, Herbert Edward, Jr	769	524	791	286	636	739	245
	105	Smith, James Henry	364	118	60	61	758	326	216
	554	Smith, James Robey	197	464	584	589	422	592	245
	653	Smith, Jean Val	911	519	522	706	626	310	94
	496	Smith, Jimmy Lee	364	349	472	330	811	686	438
	183	Smith, John Valentine	274	279	371	104	17	422	501
	*5	**Smith, Kenneth Godfrey**	1	31	7	38	174	10	130
	371	Smith, Ordell	197	603	302	280	561	531	642
	647	Smith, Richard Carl	56	820	722	602	542	197	792
	*20	**Smith, Roy Benjamin**	501	40	42	22	135	54	750
	649	Smith, Samuel Henry, III	437	298	813	514	502	531	642
	308	Smith, St. Clair	666	368	133	459	581	493	113
	119	Smith, Verne Watson	567	635	93	48	447	204	130
	406	Smith, William Andrew	666	495	472	313	303	531	282

Relative standing of the midshipmen of the present third class (class of 1952), for the first year of their academic course, 913 members, June 1949—Continued

Symbol (see p. 29)	Relative standing for academic year	Name	Relative standing in— Conduct	M. E.	Math.	E. E.	E. H. & G.	Foreign langs.	Phys. trng.
	*44	**Smith, William Benton, Jr.**	364	11	144	169	90	34	350
	393	Snyder, James Madison	429	753	497	569	330	29	189
	253	Solbach, Harry George, Jr.	696	242	444	247	85	242	189
	724	Sorrentino, Michael Louis	559	567	489	829	864	708	321
	812	Southerland, Thomas Chapman, Jr.	883	858	666	852	605	592	350
16	880	Spanagel, Herman Adolph, Jr.	274	478	901	874	811	833	321
b	591	Spanakos, Basil Michael	828	790	508	574	795	197	282
	607	Spencer, Harry Arthur, Jr.	364	289	484	742	846	674	31
	716	Sperling, David John	828	603	613	788	386	727	350
b	466	Spraul, Don Louis	197	279	508	508	823	405	52
	730	Squier, Lucius Robinson, Jr.	364	381	657	849	651	750	282
	169	Stafford, Thomas Patten	114	437	108	48	465	547	694
	494	Stamm, Richard Henry	274	98	550	303	581	785	872
	506	Stangl, Richard John	1	733	452	469	626	541	189
	671	Stanley, Joseph Kenneth	696	483	679	776	727	384	94
	432	Staple, David Francis	735	846	326	325	350	446	391
	636	Stark, Arthur R., Jr.	823	764	391	565	791	666	216
	616	Stark, Peter Amy, Jr.	274	329	618	672	386	747	216
	118	Steele, William Oliver	197	98	152	73	455	415	152
	793	Stein, Clyde Kelly	845	820	863	460	708	422	805
	438	Stein, Norman Floyd	197	702	368	289	350	768	189
	394	Stephens, John Peter	56	603	651	251	167	333	245
	892	Stevens, Donald Owen	501	802	898	873	742	865	608
	296	Stockdale, Wendell Berg	56	315	463	370	142	255	391
	833	Stolle, Edward St. Clair, Jr.	615	626	705	714	897	838	792
5	652	Stolle, Thomas Joseph	56	227	751	705	679	490	438
	856	Stone, James Mullen	1	769	842	847	778	704	888
	*76	**Storper, Stanley Arnold**	819	247	47	35	581	91	501
	869	Strange, Hubert Ellis, Jr.	810	826	767	818	893	824	245
	*65	**Streett, James Kenneth**	769	180	60	106	573	9	576
	*12	**Strehlow, Paul Valentine, Jr.**	437	1	2	16	167	405	245
	288	Strickland, Robert Neal	114	373	391	359	194	249	321
	*7	**Studabaker, William Anthony**	501	11	19	17	25	41	350
	315	Sugg, Ross Edgar	735	150	316	149	724	652	216
	691	Sumner, William Marvin	274	486	733	662	58	882	391
	108	Sutley, Robert Marion	197	198	106	420	103	93	94
	93	Swalley, Robert Ferrell	567	234	23	206	233	193	608
	648	Swanke, Robert Anthony	197	765	876	548	55	302	576
	662	Swanson, Ronald Roy	823	483	671	352	817	628	805
	582	Swanson, Stanley Runyan	567	114	689	274	778	837	78
	*28	**Sylvester, Gerald Duncan**	274	140	208	193	1	5	43
	208	Tacke, Raymond Leroy	274	555	214	84	520	397	10
	472	Tallman, Oliver Howard, II	437	637	452	534	345	462	391
	542	Taylor, Charles Albert	567	873	587	624	510	21	350
	706	Taylor, James Graham	788	785	379	690	891	635	216
	857	Taylor, Reeves Ramsey	795	841	828	900	535	603	391
	229	Taylor, Robert Stevens	364	598	140	93	377	531	608
	269	Terrell, William Thomas	274	329	307	357	148	400	130
	600	Tetreault, Paul Jerome	437	765	635	456	732	304	542
	155	Thamm, Tom Brobeck	567	198	243	264	41	218	245
	314	Thawley, Thomas Melvin	197	103	350	305	747	421	189
b	562	Theodorou, Charles Louis	567	673	666	502	461	197	750
	153	Thomas, Charles Robert	197	159	259	203	430	131	31
	884	Thomas, Douglas Nyle	114	839	870	636	902	892	805
	*3	**Thomas, James Richard**	364	16	12	9	13	44	669
	*64	**Thomas, Svend Erling**	114	118	121	129	43	79	902
	144	Thompson, Gerald Jordan	274	425	302	230	16	62	694

Relative standing of the midshipmen of the present third class (class of 1952), for the first year of their academic course, 913 members, June 1949—Continued

Symbol (see p. 29)	Relative standing for academic year	Name	Relative standing in— Conduct	M. E.	Math.	E. E.	E. H. & G.	Foreign langs.	Phys. trng.
	298	Thompson, Paul Bristol, Jr	501	182	202	196	762	681	216
	380	Todd, Alexander Miller	735	623	444	330	167	384	501
	*51	**Todd, George William, III**	114	265	29	111	316	72	78
	488	Tombari, Henry Anthony	437	866	346	416	480	493	245
	862	Tomlin, James Elliot	56	894	845	874	708	610	608
	207	Tonetti, John Sante	501	176	248	315	164	116	879
	301	Tonseth, Thomas Henrick, III	274	368	599	202	275	57	750
	111	Torbert, Clement Clay, Jr	114	394	157	85	167	375	13
	358	Townsend, Guy Bryan	197	392	543	239	535	257	542
	594	Tracy, Fred Lewis	274	504	436	240	905	813	501
	352	Troffer, George John, Jr	567	318	332	353	455	528	216
	125	Troppman, Charles Robert	567	109	140	153	310	291	542
	734	Troske, Erwin Edwin, Jr	197	459	692	407	886	810	750
	134	Troutman, James Scott	501	16	253	133	104	502	438
	313	Trueblood, Howard Gene	197	61	314	529	665	352	113
	860	Tucker, Charles Edwin	274	626	879	807	552	889	694
4	904	Tullett, Jack Edgar	696	816	908	899	811	774	245
	205	Turnage, Robert Lake	769	318	88	329	295	415	22
	384	Tuszynski, Raymond Stanley	437	573	359	415	751	105	842
	101	Tuzo, Lamar Wyatt	620	403	85	183	93	197	152
	287	Vahsen, George Martin	659	60	355	472	275	242	773
	130	Valade, Larry Gale	1	244	129	307	136	218	282
	451	Van Bergen, Richard Henry	501	336	477	631	275	441	475
	741	Vaughan, Robert Ashmead	696	853	842	759	136	242	669
	556	Vine, Victor James	663	702	576	437	174	750	31
tb	545	Vogler, James Berton	197	263	735	645	275	384	282
	*26	**Wadsworth, Francis Laughlin**	828	46	125	70	73	12	31
	583	Walden, John Warren	56	495	472	663	644	681	608
	*53	**Walker, Samuel Bruce**	56	25	193	81	23	173	750
	441	Wallace, Cedric Sterling	620	664	339	303	834	441	475
	251	Walsh, Charles James	567	274	221	363	201	379	130
	795	Wands, Thomas Lusk, Jr	567	244	823	834	686	767	475
	*46	**Ward, John Ellsworth**	437	4	93	277	69	26	723
	193	Washington, Robert Walter	114	302	205	319	32	355	501
	483	Watkins, Bobby Bert	620	524	261	446	833	665	501
	*56	**Webb, Carl Robert**	274	109	26	129	496	125	17
	95	Webber, Gene Duane	437	37	113	103	686	184	438
	119	Wedge, George Francis, Jr	1	595	179	181	15	152	723
	664	Weeks, George Holland	766	247	705	605	581	663	723
	324	Weir, Kenneth Wynn	114	148	316	450	708	389	65
	329	Weller, Thomas George, Jr	274	577	270	475	400	322	43
	*29	**Welsh, Leland Merritt**	274	61	40	41	128	54	750
	755	Wev, Bosquet Neill, Jr	437	570	819	816	732	402	245
	813	Whaling, Robert William	620	430	841	855	801	652	438
	211	White, John Arthur	114	61	452	12	271	666	750
	89	White, Paul Geltmacher, Jr	437	227	49	47	257	487	282
	*8	**Whitehurst, Marshall Neverson, Jr**	437	19	4	2	222	161	391
	214	Wiegand, Samuel John	841	554	189	109	131	360	669
	87	Wilde, Stanford Richard	437	444	60	22	377	282	542
	486	Wilder, William Ernest	795	403	547	591	350	348	282
	684	Wilk, Raymond Conrad	735	220	870	211	686	853	5
	*62	**Wilkinson, Joseph Barbour, Jr**	274	116	108	208	97	54	152
	320	Williams, Edward John, Jr	620	430	195	386	218	550	750
	169	Williams, Jack, Jr	620	92	158	145	438	550	31
	592	Williams, James Edward	1	198	493	452	739	893	475
	593	Williamson, John Carter	872	473	663	672	414	218	438
	355	Wilson, Jack Leonard	501	279	232	469	612	484	438

Relative standing of the midshipmen of the present third class (class of 1952), for the first year of their academic course, 913 members, June 1949—Continued

Symbol (see p. 29)	Relative standing for academic year	Name	Relative standing in—						
			Conduct	M. E.	Math.	E. E.	E. H. & G.	Foreign langs.	Phys. trng.
	378	Wilson, James Edgar, Jr	620	570	350	460	510	257	350
4	876	Wilson, Raymond Gerald	769	813	870	905	531	670	805
	760	Wilson, Robert Downs	659	712	748	534	718	770	152
	*49	**Wilson, Robert Roland**	501	6	88	122	247	171	130
	531	Winkler, Thomas Quenton, Jr	274	444	683	486	471	393	350
	142	Wiseman, Charles Henry	364	577	177	157	422	46	94
	556	Woolway, James Eugene	696	583	555	441	377	681	282
	360	Wray, Desmond Carlisle, Jr	862	289	239	333	158	697	113
	742	Wright, Charles Howard, Jr	437	888	764	607	319	473	773
	*54	**Wroth, Robert Stewart**	56	150	30	68	644	102	94
	632	Wyatt, William Claudius, III	197	289	831	631	233	460	642
	245	Yamnicky, John David	501	740	300	126	194	260	245
	304	Young, David Dale	437	459	331	379	612	110	216
	277	Young, John Charles	666	321	277	494	366	140	113
	573	Zacharias, Jerrold Matthew	663	403	643	519	612	453	608
	858	Zastrow, Robert Richard	853	807	845	838	377	835	189
	167	Zibilich, Michael Anthony	795	127	208	164	323	320	65
	*2	**Zobel, William Marshall**	1	8	21	32	7	35	189

NOTE.—Where relative standing is in excess of the membership, such relative standing is based on the membership of the class at the time the work was completed.

EXPLANATION OF SYMBOLS USED IN THE LIST OF MIDSHIPMEN OF THE FOURTH CLASS TO INDICATE METHOD OF QUALIFYING SCHOLASTICALLY AND SOURCE OF APPOINTMENT DATA GIVEN IN THE COLUMN HEADED "APPOINTED FROM"

Methods of qualifying scholastically:

C—Qualified by the college certificate method.

S—Qualified by the certificate-substantiating examination method.

R—Qualified by passing the regular entrance examination.

States and Territories.—Entered in accordance with the provisions of the law which allows five midshipmen for each Senator, Representative, and Delegate in Congress.

Navy or Marine Corps.—Entered by competitive examination under the provisions of the law which authorizes the Secretary of the Navy to make 160 appointments annually from among the enlisted personnel of the Regular Navy or Marine Corps.

Naval Reserve or Marine Corps Reserve.—Entered by competitive examination under the provisions of the law which authorizes the Secretary of the Navy to make 160 appointments annually from among the enlisted personnel of the Naval Reserve or Marine Corps Reserve.

Presidential.—Entered by competitive examination under the provisions of the law which authorizes the President of the United States to make 75 appointments annually from the United States at large.

In the event that the quota of midshipmen authorized by law to be appointed annually to the Naval Academy from (1) enlisted men of the United States Navy and Marine Corps, (2) enlisted men of the Naval Reserve or Marine Corps Reserve, or (3) by the President at large, is not filled, the Secretary of the Navy may fill the vacancies in such quota by appointing other candidates from any other of such sources who were found best qualified on examination for admission into the Academy and not otherwise appointed.

Vice Presidential.—Entered in accordance with the law which authorizes five appointments at large by the Vice President of the United States.

Honor Military School, Honor Naval School or N. R. O. T. C.—Entered by competitive examination under the provisions of the law which authorizes the Secretary of the Navy to make 20 appointments each year from among honor graduates of honor military or naval schools and Naval Reserve Officers' Training Corps units.

District of Columbia.—Entered by competitive examination under the provisions of the law which authorizes the President of the United States to make five appointments from the District of Columbia.

Public Law 228, 79th Cong.—Entered under the provisions of an act of Congress which authorizes the President of the United States to appoint the sons of persons who have been or shall hereafter be awarded a Medal of Honor in the name of Congress for acts performed while in any of the armed forces of the United States.

Public Law 229, 79th Cong.—Entered by competitive examination under the provisions of the law which authorizes the President of the United States to make 40 appointments from among the sons of members of the land or naval forces (including male and female members of the Army, Navy, Marine Corps, and Coast Guard, and of all components thereof) of the United States, who were killed in action or have died, or may hereafter die, of wounds or injuries received, or disease contracted, or preexisting injury or disease aggravated, in active service during World War I or World War II.

Puerto Rico (Gov.) and (Res. Com.).—Entered in accordance with the provisions of laws which allow one midshipman from Puerto Rico appointed by the President on the recommendation of the Governor of Puerto Rico and five midshipmen appointed on the nomination of the Resident Commissioner.

Canal Zone.—Entered in accordance with the provisions of the law which allows one midshipman from among the sons of civilians residing in the Canal Zone and the sons of civilian employees of the United States Government and the Panama Railroad Co. residing in the Republic of Panama, whose appointment shall be made by the Secretary of the Navy on the recommendation of the Governor of the Panama Canal.

American Republics and Canada.—Entered in accordance with the provisions of the law which provides that the Secretary of the Navy is authorized to permit upon designation of the President of the United States, not exceeding twenty persons at a time from the American Republics (other than the United States) and Canada and not more than three from any of such Republics and Canada to receive instruction at the Naval Academy at the same time. Such persons will not be entitled to appointment to any office or position in the United States Navy by reason of their graduation from the Naval Academy.

Philippine Islands.—Entered in accordance with the provisions of the law which provides that the Secretary of the Navy is authorized to permit upon designation of the President of the United States, not exceeding four Filipinos at a time to receive instruction at the Naval Academy. Such persons will not be entitled to appointment to any office or position in the United States Navy by reason of their graduation from the Naval Academy.

MIDSHIPMEN OF THE FOURTH CLASS

Class of 1953 (1,164) members

Symbol (see p. 29)	Name	Appointed from (see p. 107)	Method of qualifying scholastically (see p. 107)	Date of admission	Age at date of admission	
					Years	Months
	Abele, Henry Frederic	Ohio	*C*	July 5, 1949	19	0
	Abrahamson, Dean Albert	Washington	*S*	Aug. 17, 1949	18	1
	Adams, George Hubert	Pennsylvania	*S*	June 22, 1949	17	10
	Adams, Henry William	Marine Corps	*R*	June 15, 1949	21	0
	Adler, Ronald Edward	Illinois	*C*	Aug. 13, 1949	18	9
	Adorney, Frank	Ohio	*R*	June 28, 1949	20	10
	Agee, Aaron Beathel	Arkansas	*C*	July 14, 1949	19	0
	Aiau, Harvey Chadwick Kamohoalii.	Hawaii	*C*	July 5, 1949	19	2
	Aker, Gordon Lee	Indiana	*S*	July 18, 1949	20	11
	Albers, William Patrick	Naval Reserve	*S*	July 2, 1949	20	10
	Albright, Richard Kingdon	Pennsylvania	*S*	July 8, 1949	18	1
	Alden, Frederick Alonzo, III	Navy	*S*	June 16, 1949	20	7
	Alexander, David Ord	Naval Reserve	*R*	June 28, 1949	19	1
	Alexander, William, Jr	Washington	*R*	June 21, 1949	19	10
	Allard, John Raymond	Missouri	*C*	Aug. 20, 1949	18	4
	Allen, David Edward	Marine Corps	*R*	June 29, 1949	20	7
	Allen, Ralph Parkinson, Jr	Naval Reserve	*S*	June 30, 1949	18	5
	Allen, Thomas Harrison, Jr	do	*R*	July 18, 1949	19	1
	Allen, William Dale	do	*S*	July 2, 1949	18	8
	Aller, Robert Olen	Ohio	*R*	June 17, 1949	19	3
	Almen, Richard Eric	Marine Corps Reserve	*R*	June 28, 1949	20	0
	Alves, Edward Russell, Jr	Marine Corps	*S*	June 16, 1949	22	10
	Amendt, John Hayward	Ohio	*S*	June 20, 1949	19	3
	Ammerman, Don Jay	New York	*S*	do	18	3
	Anderson, Curtis Odean	Navy [1]	*S*	July 18, 1949	20	3
	Anderson, Forrest Prentice	Tennessee	*C*	July 14, 1949	19	1
	Anderson, John Joseph	New Mexico	*R*	June 20, 1949	18	4
	Anderson, Robert Clarence	Illinois	*S*	July 8, 1949	19	1
	Anderson, Robert Norgord	Naval Reserve	*S*	June 23, 1949	19	0
	Andrew, Charles Edward	Marine Corps	*R*	June 16, 1949	22	8
	Andrews, Frederick Clifford	Connecticut	*C*	July 6, 1949	19	5
	Andrlik, Derr Lance	Naval Reserve	*R*	June 23, 1949	19	3
1	Angeloff, Carl	New York	*S*	June 20, 1949	19	2
	Anthony, Donald Maxon	Texas	*S*	June 21, 1949	18	9
	Apted, George Louis	South Dakota	*C*	July 8, 1949	19	11
	Armel, Lyle Oliver, II	Naval Reserve	*S*	do	18	2
	Armstrong, Philip McCutcheon, Jr.	Navy	*R*	Sept. 16, 1949	20	2
	Asbel, Jack	Marine Corps	*S*	Aug. 15, 1949	20	10
	Avery, Phillip Hawley	Michigan	*C*	June 17, 1949	20	1
	Avrit, Richard Calvin	Alaska	*S*	June 22, 1949	17	4
	Axley, John Henry	North Carolina	*S*	Aug. 20, 1949	20	4
	Bachman, Stanley Leon	Pennsylvania	*S*	July 23, 1949	19	2
	Baciocco, Albert Joseph, Jr	California	*S*	June 20, 1949	18	4
	Back, Otis Kent	Kentucky	*C*	June 18, 1949	19	5
	Bailey, Donald Patrick	Navy	*S*	June 15, 1949	19	1

[1] Charged to quota from Naval Reserve.

Class of 1953 (1,164) members—Continued

Symbol (see p. 29)	Name	Appointed from (see p. 107)	Method of qualifying scholastically (see p. 107)	Date of admission	Age at date of admission	
					Years	Months
	Baillie, Allan Stuart	Ohio	*R*	July 9, 1949	18	7
	Baker, Donald Glenn	Navy	*S*	June 15, 1949	19	4
	Baker, John Daniel	do	*S*	do	20	2
	Baker, Leonard Kelly	Mississippi	*S*	July 19, 1949	17	7
	Baker, Robert Weaver	Naval Reserve	*S*	June 22, 1949	18	6
tb	Baldinger, James David	Pennsylvania	*C*	July 20, 1948	19	8
	Baldwin, Charles Carroll	Naval Reserve	*R*	June 22, 1949	19	4
b 18	Ballou, Charles Davison	Pennsylvania	*S*	Aug. 24, 1949	21	6
	Barchiesi, Chester August	do	*S*	July 13, 1949	17	11
	Barke, Arthur Randall	Minnesota	*S*	July 18, 1949	18	10
	Barnes, Harry Grinnell, Jr	Iowa	*C*	July 13, 1949	19	5
	Barnes, Robert Greeley	Michigan	*S*	June 22, 1949	18	7
tb 1	Barrett, Richard "H"	Navy [1]	*R*	June 17, 1948	20	5
	Barry, Thomas Merritt	Mississippi	*C*	July 7, 1949	18	7
	Barthelenghi, George Henry, Jr	Naval Reserve	*S*	June 21, 1949	20	1
	Bassett, Kimbrough Stone	do	*S*	June 29, 1949	18	5
	Bassett, Melvin Sage	Presidential	*S*	June 18, 1949	18	2
2	Beahm, Jack Royce	Wyoming	*S*	July 2, 1949	19	1
	Beard, Donald Wayne	Navy	*R*	June 16, 1949	21	1
	Bearman, Richard Silvers	Naval Reserve	*R*	June 28, 1949	18	6
b	Beat, Robert Omer	Wisconsin	*R*	Aug. 25, 1949	22	4
	Beckett, Robert Matthews	Rhode Island	*S*	July 6, 1949	17	4
	Beiderbecke, Henry Adolph	New York	*C*	July 8, 1949	18	10
	Bell, Clyde Roberts	Ohio	*S*	July 13, 1949	18	3
	Bell, Gershom Rodes	West Virginia	*S*	June 21, 1949	19	4
	Bell, William Reaves	Texas	*C*	July 5, 1949	17	7
tb	Bennett, Charles Franklin	Arkansas	*C*	June 18, 1948	19	6
	Benning, Carl Joshua, Jr	Missouri	*C*	June 25, 1949	18	7
tb	Benson, Charles Noyer	Presidential	*R*	June 30, 1948	20	4
	Bentley, William Cooke	New Jersey	*S*	June 17, 1949	19	3
	Bergbauer, Harry William, Jr	Navy	*R*	June 16, 1949	19	9
	Berge, Norman Kenneth	do	*S*	June 15, 1949	21	9
	Best, Charles Allan	Texas	*S*	June 21, 1949	19	1
	Best, Eddie Fredrick	Alabama	*C*	June 29, 1949	18	6
	Bicknell, Robert Stanley	New Jersey	*S*	July 5, 1949	17	11
1	Bienvenu, David Mark	Louisiana	*S*	June 25, 1949	17	8
	Bierer, Bion Burton, Jr	Kansas	*S*	June 18, 1949	19	8
	Bigelow, David Skinner	Vermont	*S*	July 13, 1949	18	3
	Binney, Douglas Craig	Presidential	*S*	July 5, 1949	19	4
	Bird, Joseph Walter, Jr	Marine Corps Reserve	*S*	June 24, 1949	20	8
	Bird, Neale Eldridge	Presidential	*R*	June 17, 1949	17	10
	Bivens, Arthur Clark	Navy	*S*	June 16, 1949	19	7
	Black, Theodore Halsey	Marine Corps	*R*	do	20	8
	Blanchard, Robert Cecil	Michigan	*R*	June 20, 1949	18	0
	Blew, James Michael	Presidential	*S*	June 29, 1949	17	5
	Blundell, Peveril	Naval Reserve	*S*	June 30, 1949	18	3
	Bocock, Kenneth Stanley	Kansas	*S*	June 18, 1949	19	6
	Boeskool, Irvin Lewis	Michigan	*C*	June 17, 1949	19	11
	Booth, Roger Graydon	do	*C*	June 20, 1949	19	11
	Bornstein, Joseph Bernard	Maine	*S*	June 18, 1949	20	1
	Borthwick, Robert Bruce	Wisconsin	*C*	July 13, 1949	18	11
	Borum, Rodney Lee	North Carolina	*C*	June 17, 1949	19	9
	Botten, James Rudd	Naval Reserve	*R*	June 22, 1949	18	5
	Botula, Bernard Charles	Pennsylvania	*C*	June 21, 1949	19	8
tb	Boundy, Kenneth Ashburner	Navy [1]	*S*	June 17, 1948	20	2
	Bowdish, Charles Griswold	Minnesota	*S*	July 13, 1949	21	3

[1] Charged to quota from Naval Reserve.

Class of 1953 (1,164) members—Continued

Symbol (see p. 29)	Name	Appointed from (see p. 107)	Method of qualifying scholastically (see p. 107)	Date of admission	Age at date of admission	
					Years	Months
	Bowling, Charles McKaughan	Texas	*R*	Sept. 20, 1949	20	8
	Boyd, John Huntly, Jr	Michigan	*S*	Aug. 3, 1949	17	8
	Boyer, Charles Lenard	Navy	*R*	June 15, 1949	18	11
	Boyer, Walton Tully, Jr	California	*C*	July 13, 1949	19	3
	Boyett, Stephen Gray	North Carolina	*C*	June 28, 1949	19	8
	Boyle, Darrell Duane	Navy	*R*	June 16, 1949	19	2
	Brachtenbach, Leo	do	*R*	do	21	0
	Bradbury, John Illingworth	Kentucky	*R*	July 6, 1949	19	10
	Bradfield, Paul Wilson, Jr	Marine Corps [2]	*R*	Aug. 15, 1949	21	0
tb	Brady, Francis Thomas	Naval Reserve	*S*	July 9, 1948	18	8
	Brainard, John Whiting	Navy	*S*	June 16, 1949	20	2
	Branson, William Brown	Indiana	*S*	June 18, 1949	18	8
	Bratton, Paul Rufus, III	Oklahoma	*C*	Aug. 27, 1949	20	10
tb	Braun, Daniel Frederick	Naval Reserve	*S*	June 22, 1948	18	9
	Breaux, Fred Joseph, Jr	do	*R*	July 2, 1949	20	3
	Brennan, James Joseph, Jr	New York	*R*	June 20, 1949	17	10
2	Brewer, Robert Castner	Navy	*R*	June 25, 1949	19	0
	Bright, Ray Ernest, Jr	Texas	*R*	July 8, 1949	19	9
	Britton, William Lawson	Ohio	*R*	June 17, 1949	19	1
	Brooks, Edwin Hawley, Jr	Naval Reserve	*S*	June 22, 1949	19	1
	Brown, Frank Markham	Presidential	*R*	June 17, 1949	19	1
	Brown, Theodore Olaf	Washington	*S*	July 20, 1949	18	1
	Brown, Walter Robert	Texas	*R*	June 21, 1949	21	5
	Brownie, William Albert	California	*S*	June 25, 1949	19	0
	Broz, George Anthony	Naval Reserve	*R*	June 28, 1949	19	5
	Brummage, Richard Lowrie	Ohio	*S*	July 13, 1949	17	10
	Brundage, James William	Connecticut	*C*	June 28, 1949	20	3
	Brunson, Clarence Edgar, III	Georgia	*S*	June 18, 1949	20	0
	Bucy, John Thomas, Jr	Oregon	*S*	June 20, 1949	19	2
tb	Burcham, Enis Volney, Jr	Illinois	*S*	July 14, 1948	18	6
	Burdick, Robert Everett	Nebraska	*R*	June 20, 1949	19	6
	Burgess, James Alan	Naval Reserve	*S*	July 14, 1949	18	10
	Burkhardt, John Thomas	do	*S*	July 13, 1949	18	8
	Burr, William Eastwood	New Hampshire	*S*	July 30, 1949	18	8
	Burt, Thomas Evan	Pennsylvania	*S*	July 8, 1949	18	0
	Butcher, Reginald William, Jr	Naval Reserve	*R*	June 22, 1949	19	2
	Butler, Charles Thomas	Kentucky	*C*	July 18, 1949	20	9
	Buys, Jay Richard	Utah	*S*	June 24, 1949	18	9
	Byrd, Sam Ray	North Carolina	*C*	Aug. 13, 1949	20	0
tb	Calabrese, William Chisholm	Navy	*R*	Sept. 9, 1948	20	5
	Callicott, Jack Demmion	do.[3]	*R*	Sept. 16, 1949	23	2
	Calnan, Eugene Thomas	District of Columbia	*S*	June 18, 1949	18	8
	Calo, Carlo	Idaho	*S*	June 21, 1949	20	6
	Cameron, Robert John	Naval Reserve	*S*	June 29, 1949	19	4
	Campbell, Jack	Pennsylvania	*C*	June 17, 1949	22	1
	Campbell, William Nelson	Wisconsin	*S*	June 21, 1949	19	3
	Camstra, Frank Anton, Jr	Georgia	*C*	July 2, 1949	18	1
	Cane, Peter Grey, Jr	Alabama	*C*	June 30, 1949	18	11
	Cannell, Donald Tipton	Illinois	*R*	June 18, 1949	18	7
	Cannon, David Evans	Utah	*R*	June 21, 1949	19	0
	Cannon, Leo John	Navy	*R*	June 16, 1949	20	9
	Cardwell, John James	New York	*C*	June 30, 1949	18	6
b 18	Carlisle, David Rigby	Naval Reserve	*R*	Aug. 26, 1949	22	8
	Carmichael, John Brodie, Jr	New Jersey	*S*	June 20, 1949	18	2
	Carpenter, Arthur James	Texas	*S*	June 21, 1949	18	4

[2] Charged to quota from Marine Corps Reserve.
[3] Charged to Presidential quota.

Class of 1953 (1,164) members—Continued

Symbol (see p. 29)	Name	Appointed from (see p. 107)	Method of qualifying scholastically (see p. 107)	Date of admission	Age at date of admission	
					Years	Months
	Carr, George Martin, Jr.	New York	*R*	July 18, 1949	18	9
	Carr, John Howard	Washington	*C*	June 17, 1949	20	3
	Carr, Nevin Palmer	Michigan	*R*	July 18, 1949	17	8
	Carrington, James Herbert, Jr.	Presidential	*S*	June 25, 1949	19	2
	Carter, Charles Curtis	Texas	*C*	July 14, 1949	19	4
	Carter, George Cable, Jr.	Naval Reserve	*S*	June 22, 1949	18	2
b	Carter, Robert Dalton	Presidential	*S*	Aug. 27, 1949	19	2
	Cauble, Donald Kay	Nevada	*S*	do	17	8
	Chace, Frank Clinton, Jr.	Massachusetts	*S*	June 22, 1949	19	10
	Chadbourne, Harland Alfred, Jr.	Florida	*R*	June 20, 1949	18	9
	Chambers, William Carl	Naval Reserve	*S*	June 25, 1949	18	11
	Chaney, Earl Drury, Jr.	Marine Corps [2]	*S*	July 16, 1949	20	9
	Chapman, John Frederiek	Wyoming	*S*	June 25, 1949	18	5
	Charest, Philip George	NROTC	*S*	June 28, 1949	19	1
	Charrier, George Orville	New Jersey	*S*	June 29, 1949	18	4
	Chase, Edgar Mannly	Naval Reserve	*S*	June 30, 1949	19	8
	Chase, Warren Arthur	Nebraska	*R*	June 20, 1949	17	9
	Chesley, James Fitzhugh	Marine Corps	*S*	June 16, 1949	19	2
	Chewning, Robert Wills	Virginia	*R*	June 30, 1949	19	6
	Christensen, Don Rodger	Wiseonsin	*C*	July 13, 1949	20	7
	Christensen, Eugene Julius	Navy	*R*	June 16, 1949	20	3
	Clark, Richard Grimes	Ohio	*S*	Aug. 26, 1949	18	7
	Clayton, Robert Gentry	California	*S*	June 18, 1949	19	11
	Clement, Glenn Page, Jr.	Pennsylvania	*R*	June 20, 1949	19	11
	Clements, Billy Ray	Texas	*S*	June 21, 1949	19	1
	Clements, Herdis French	Indiana	*S*	June 22, 1949	17	7
	Cleveland, Walter George, III	Louisiana	*C*	June 30, 1949	18	0
b	Cleveland, William LeRoy, Jr.	Naval Reserve	*S*	Aug. 24, 1949	21	0
1	Clinton, James Robert	Alaska	*C*	July 14, 1949	21	0
	Cockey, John Millis	Marine Corps	*S*	June 16, 1949	21	0
	Cole, Charles William	Illinois	*C*	July 13, 1949	19	0
	Cole, William Sterling, Jr.	Ohio	*S*	July 5, 1949	17	11
	Collier, Larry Dale	South Dakota	*R*	July 27, 1949	20	6
	Collins, Richard Bartholomae	California	*R*	Aug. 3, 1949	19	9
	Conley, John Thomas	Wyoming	*S*	July 7, 1949	18	4
	Connolly, James John	New York	*S*	July 13, 1949	20	4
	Connolly, Martin Albert	Pennsylvania	*C*	June 29, 1949	20	2
	Conolly, Robert David	Illinois	*S*	July 13, 1949	18	4
	Conrad, Peter Corteau	Naval Reserve	*R*	June 28, 1949	20	1
	Converse, Douglas	California	*C*	July 7, 1949	19	0
b	Cook, Jesse Strother, III	Presidential	*R*	Aug. 24, 1949	21	11
	Cooke, Charles Maynard, Jr.	do	*S*	June 25, 1949	17	8
	Cooke, Donald Luce	do	*S*	June 21, 1949	19	1
	Corbin, Malcolm Randolph, Jr.	Louisiana	*C*	June 18, 1949	19	2
	Corboy, Michael Robert	Illinois	*S*	do	18	11
	Cornell, Arthur Franeis	Navy	*S*	June 15, 1949	19	11
	Cox, James Floyd Wright	Pennsylvania	*S*	June 22, 1949	19	7
	Cox, Robert Glen	Navy [1]	*R*	July 19, 1949	19	9
	Cox, Samuel Steven	Kansas	*S*	June 18, 1949	18	11
	Craig, Winchell McKendree, Jr.	Minnesota	*C*	June 25, 1949	19	0
	Cramer, Mercade Adonis, Jr.	Presidential	*R*	June 24, 1949	17	3
	Cramer, Myrln Eugene	Navy [3]	*R*	Aug. 17, 1949	21	6
	Crater, Ray Farrell	do	*S*	June 16, 1949	19	1
	Crawford, Glenn	Presidential	*S*	June 17, 1949	19	6
	Criechi, John Vietor	Michigan	*S*	June 20, 1949	19	1

[1] Charged to quota from Naval Reserve.
[2] Charged to quota from Marine Corps Reserve
[3] Charged to Presidential quota.

Class of 1953 (1,164) members—Continued

Symbol (see p. 29)	Name	Appointed from (see p. 107)	Method of qualifying scholastically (see p. 107)	Date of admission	Age at date of admission	
					Years	Months
	Cromwell, Thomas Stanley	Navy	*R*	June 15, 1949	20	9
	Cruden, David Selby	Minnesota	*R*	July 8, 1949	19	2
	Crum, Paul Miller	Pennsylvania	*S*	June 20, 1949	19	6
	Cuccias, Leo Peter	New York	*S*	June 23, 1949	18	4
	Cummings, Dale Duane	Marine Corps	*R*	June 15, 1949	20	2
	Cummings, John Atkinson	Presidential	*R*	June 17, 1949	20	1
	Curl, Kent Wayne	Ohio	*C*	July 8, 1949	18	11
	Curtis, Richard Earl	West Virginia	*S*	July 13, 1949	18	8
	Dahlberg, Arthur Waldemar	Navy	*S*	June 15, 1949	22	10
	Daley, Edmund Koehler, Jr	Presidential	*R*	June 17, 1949	19	8
	Dalgleish, Donald Earl	Navy	*R*	June 16, 1949	20	5
	Dally, David Ferrall	Pennsylvania	*S*	June 20, 1949	19	0
	Dalton, Richard Velez	Arkansas	*S*	June 29, 1949	19	4
	Daly, Richard Grant	Louisiana	*C*	do	17	9
	Dana, William Christian	Presidential	*R*	June 21, 1949	18	7
	D'Arco, Anthony Joseph	New York	*S*	June 29, 1949	19	6
	Dardeau, Oscar Moise, Jr	Louisiana	*C*	do	17	7
	Davidson, Robert Paul	Naval Reserve	*S*	July 18, 1949	18	4
	Davies, Owen Myrddin	Presidential	*S*	June 22, 1949	19	1
	Davis, Bill Newton	Texas	*C*	June 29, 1949	18	8
	Davis, Henry Jefferson, Jr	Florida	*C*	June 17, 1949	20	1
	Davis, Henry William	Indiana	*S*	July 7, 1949	20	0
	Davis, John Bonthron	Alabama	*R*	June 18, 1949	20	0
	Davis, Michael Chase	California	*S*	do	17	8
	Davis, Richard Joe	North Carolina	*C*	June 22, 1949	22	2
	Davison, John Walter, Jr	Presidential	*R*	June 17, 1949	17	11
	Day, Richard Donald	Ohio	*C*	June 29, 1949	19	10
	Deale, William Walter	Maine	*S*	Aug. 25, 1949	20	6
	Dearborn, Richard Elmore	New Hampshire	*S*	June 20, 1949	18	5
	Deex, Arthur John	Ohio	*C*	June 28, 1949	18	8
	de Generes, Frederick Souvelle, Jr.	Louisiana	*S*	June 18, 1949	18	4
	DeHart, William	North Carolina	*S*	July 13, 1949	17	10
	DeLamar, Dean Oliver	Georgia	*S*	June 18, 1949	19	3
	Delaney, William Edward	Illinois	*R*	do	19	4
	Del Colle, John Michael	Navy	*R*	June 16, 1949	20	6
	Dempster, Darrell Dean	do	*S*	June 15, 1949	20	2
tb 1	Denny, Harry James	Naval Reserve	*R*	July 14, 1948	22	9
	Desmarais, Robert Norman	do	*S*	July 2, 1949	19	4
	Dettmer, Robert Gerhart	Kansas	*S*	June 25, 1949	17	9
	Detweiler, Robert Milan	Illinois	*S*	June 18, 1949	18	11
	Devereaux, John Raymond, Jr	Kentucky	*C*	Aug. 13, 1949	19	4
	Dickman, Jerry Anson	California	*C*	June 17, 1949	19	8
	Diesel, Charles Newton	Colorado	*S*	June 18, 1949	18	8
	DiGiacomo, Joseph Gregory	NROTC	*S*	June 21, 1949	19	7
	DiNola, Michael John	Naval Reserve	*S*	June 22, 1949	19	9
	Dioquino, Manuel Trijo	Republic of the Philippines.	*R*	July 5, 1949	18	6
	Dixon, Edward Roland	Naval Reserve	*S*	June 29, 1949	19	4
	Dixon, Norval Wayne, Jr	Indiana	*S*	June 30, 1949	18	0
	Dixon, Osmund Woodward, Jr	South Carolina	*C*	June 21, 1949	18	6
	Dodds, Robert Matteson	Michigan	*S*	July 13, 1949	19	5
	Doelling, Robert Duncan	Naval Reserve	*R*	June 22, 1949	18	7
	Donnelly, Robert George	Marine Corps Reserve	*S*	do	20	2
	Donovan, Daniel Dana, Jr	Connecticut	*S*	July 13, 1949	17	7
	Doty, Aultman	Presidential	*S*	June 21, 1949	18	9
	Dougherty, William Joseph, Jr	New York	*S*	June 24, 1949	19	7
	Douglass, James Gordon, Jr	Marine Corps Reserve	*S*	June 22, 1949	19	1

Class of 1953 (1,164) members—Continued

Symbol (see p. 29)	Name	Appointed from (see p. 107)	Method of qualifying scholastically (see p. 107)	Date of admission	Age at date of admission	
					Years	Months
	Dowd, Anthony Joseph, Jr.	New York	*C*	July 6, 1949	18	9
	Dowe, William Joseph, Jr.	Massachusetts	*C*	July 23, 1949	18	1
	Doyle, Edward Joseph	New York	*C*	Aug. 1, 1949	19	9
	Doyle, Ingell Hazard	South Carolina	*C*	July 2, 1949	20	3
	Doyle, Peter Reese	Presidential	*S*	Sept. 3, 1949	19	4
	Dubino, Andrew Daniel	Navy	*R*	June 16, 1949	20	5
	Dudley, Paul Lee, Jr.	Naval Reserve	*S*	June 29, 1949	19	5
	Duerfeldt, Clifford Henderson, Jr.	New York	*R*	June 25, 1949	19	0
	Duke, Marshal Dewey, Jr.	Alabama	*C*	July 2, 1949	19	0
	Dulgeroff, Carl Richard	Illinois	*R*	June 18, 1949	19	6
	Dumont, Thomas Joseph	Navy	*S*	June 15, 1949	20	3
	Dunaway, John Allen, Jr.	Georgia	*C*	June 28, 1949	18	10
	Dunn, Charles Byron	Massachusetts	*S*	July 13, 1949	18	4
	Dunne, Robert Eugene	Illinois	*S*	do	19	2
	Ebert, Scott Ward	Public Law 229	*S*	June 22, 1949	18	1
	Eddington, Robert Barnes	Utah	*S*	July 21, 1949	19	1
	Eddy, Denver Doyle	Navy	*S*	June 25, 1949	21	5
	Eddy, John Allen	Nebraska	*C*	June 28, 1949	18	3
	Edson, James Frederick	Naval Reserve	*R*	June 25, 1949	20	9
	Edwards, William Robert, Jr.	Navy	*S*	June 15, 1949	20	2
	Egan, Douglas Schmelzel, Jr.	Washington	*S*	July 7, 1949	17	5
	Eibert, Don Charles	South Dakota	*C*	July 2, 1949	20	6
	Ellis, Donald Frederick	California	*S*	July 20, 1949	18	1
	Ellis, John Harold, Jr.	Indiana	*S*	June 30, 1949	17	11
	Emmerling, Henry Christopher, Jr.	Navy	*R*	Sept. 23, 1949	21	6
	Endlich, John	do	*S*	June 15, 1949	20	8
	Epperson, Walter Ray	Navy	*R*	June 16, 1949	19	1
	Evans, Ralph Milton	New York	*S*	June 20, 1949	19	2
	Ezzell, Leon John	Connecticut	*S*	July 2, 1949	17	11
	Fagan, Donald Francis	New York	*S*	June 20, 1949	19	10
	Falk, Harvey Alfred, Jr.	Pennsylvania	*C*	July 14, 1949	19	0
	Farnsworth, Harold Ceil	Tennessee	*C*	Aug. 1, 1949	18	9
tb	Farrar, Richard Ray	Pennsylvania	*S*	June 30, 1948	20	1
	Fead, Louis McPherson	Michigan	*S*	July 2, 1949	17	3
	Feaga, Roy Francis, Jr.	Naval Reserve	*S*	June 22, 1949	18	5
	Feeney, Richard James	New Jersey	*S*	July 18, 1949	19	0
	Fehl, Frederick Charles, Jr.	Pennsylvania	*S*	June 17, 1949	19	6
	Fellowes, Frederick Gale, Jr.	Arizona	*C*	Aug. 3, 1949	19	7
	Fellows, Charles Dwight	Iowa	*S*	July 19, 1949	19	6
	Felt, Donald Linn	Presidential	*S*	July 8, 1949	18	1
	Fergusson, Ernest Wesley	Virginia	*C*	July 6, 1949	19	3
	Ferree, Daniel Cedric	Naval Reserve	*S*	June 29, 1949	21	2
	Fischer, David Henry	Iowa	*C*	July 13, 1949	20	5
	Fishback, Burney LeRoy, Jr.	Missouri	*C*	July 2, 1949	19	4
	Fisher, Donald Robert	Pennsylvania	*S*	June 22, 1949	18	2
	Fitzgerald, Thomas Wooten, Jr.	do	*S*	June 17, 1949	18	9
	Flaherty, James Carton	Massachusetts	*C*	June 17, 1949	19	11
	Flahive, James Connor	Illinois	*S*	Sept. 10, 1949	17	7
	Flick, William Weatherby	Navy [1]	*R*	Sept. 1, 1949	23	0
	Flood, Francis Arthur, Jr.	Oklahoma	*S*	July 13, 1949	17	9
	Florance, John Edwards, Jr.	Presidential	*S*	June 28, 1949	18	7
	Flynn, Francis Patrick	California	*S*	July 8, 1949	20	0
	Flynn, Michael Dolan	do	*S*	do	17	9
	Foley, John Edward	Navy [1]	*S*	July 18, 1949	22	3
	Fontenot, Robert Dale	Louisiana	*C*	July 2, 1949	19	4

[1] Charged to quota from Naval Reserve.

Class of 1953 (1,164) members—Continued

Symbol (see p. 29)	Name	Appointed from (see p. 107)	Method of qualifying scholastically (see p. 107)	Date of admission	Age at date of admission	
					Years	Months
	Ford, Robert Abbott, Jr	Mississippi	*C*	July 20, 1949	18	9
	Fortney, Lester Kenneth	Navy	*S*	June 16, 1949	19	5
	Foster, Robert Ashmore	Florida	*C*	June 17, 1949	19	9
	Fowler, William Henry, Jr	Georgia	*S*	June 18, 1949	18	0
	Fox, Charles Welford, Jr	Naval Reserve	*R*	June 20, 1949	19	0
	Foy, John Lydon	New York	*S*	do	18	7
	Franco, Frederick Joseph, Jr	Rhode Island	*C*	July 27, 1949	18	7
	Frank, Basil Allen	New York	*S*	July 18, 1949	17	6
	Fraser, George Kittrell, Jr	Presidential	*S*	June 23, 1949	18	0
	Frederick, George Andrew	Michigan	*C*	Aug. 9, 1949	19	5
	Fredlund, William Arnold	Wisconsin	*S*	July 18, 1949	18	7
	Freeman, Theodore Cordy	Delaware	*S*	June 17, 1949	19	4
	Freese, Ralph Francis	Colorado	*C*	June 25, 1949	19	2
	Frick, Joseph Francis	New York	*S*	July 13, 1949	18	10
	Frier, John Mason, Jr	Kentucky	*R*	June 22, 1949	17	6
	Frohliger, William Edward	Navy [3]	*R*	Aug. 17, 1949	20	3
	Frost, John Frederick, 3d	Naval Reserve	*S*	June 30, 1949	19	10
	Frost, Shirley David	Oregon	*C*	July 13, 1949	19	3
	Fudge, David Arnold	Texas	*C*	June 17, 1949	18	9
	Fulcher, Elmer Charles	Florida	*S*	July 8, 1949	21	3
	Furey, Laurence Thomas	Washington	*S*	June 21, 1949	19	5
	Furgerson, John Arthur	Kentucky	*S*	June 18, 1949	18	5
	Gallagher, Hugh Lawrence	Oklahoma	*C*	July 18, 1949	20	6
	Gallivan, John Patrick	New York	*C*	July 2, 1949	19	1
	Gantt, Richard Gregory	Navy	*S*	June 15, 1949	19	2
	Gardner, Louis John	do	*R*	do	20	6
	Garretson, Richard Croyle	District of Columbia	*S*	June 18, 1949	17	10
	Gavcius, Stanley	Navy	*R*	June 16, 1949	21	2
	Giesy, Lloyd Henry	Pennsylvania	*C*	July 14, 1949	18	4
	Gifford, Phillip Howard, II	Ohio	*C*	July 18, 1949	18	11
	Gildea, Joseph Alroy	Pennsylvania	*S*	July 30, 1949	20	8
	Gilliam, Joseph Duane	North Carolina	*C*	July 13, 1949	18	9
	Gilmore, Arthur Harold	Naval Reserve	*S*	July 2, 1949	18	2
	Gilpen, Franklin Maynard	Indiana	*S*	June 18, 1949	20	0
	Ginfrida, Philip LeRoy	Naval Reserve	*R*	July 2, 1949	19	9
	Girod, Roy Oscar	Wyoming	*R*	June 21, 1949	17	10
	Glazier, Alvin Steuer	Massachusetts	*R*	June 18, 1949	18	10
	Gleason, William Joseph, Jr	Naval Reserve	*S*	June 22, 1949	18	3
	Godek, John	Navy	*S*	June 25, 1949	20	6
	Goines, Oscar Talmadge	Texas	*S*	June 17, 1949	20	9
	Goldner, Robert Reilly	New Jersey	*S*	July 20, 1949	17	6
	Goldsmith, Watson Williams	Connecticut	*C*	June 30, 1949	20	0
	Gonano, Robert Albert, Jr	Honor Military School.	*S*	Aug. 17, 1949	19	0
	Goodwin, William Donald	Navy	*R*	June 16, 1949	19	8
1	Gordon, Theodore James, Jr	Naval Reserve	*S*	June 29, 1949	18	4
	Gorman, Robert Eugene	Indiana	*R*	June 20, 1949	18	8
	Gosnear, James Charles	Pennsylvania	*R*	do	21	4
	Goudie, Robert Eugene	Navy	*R*	Aug. 26, 1949	19	4
	Gouge, James Daniel	Marine Corps	*S*	June 16, 1949	19	5
	Gourlay, William, Jr	Navy	*S*	June 15, 1949	19	6
	Govan, David Malcolm	New Jersey	*S*	June 17, 1949	19	2
	Gowing, Richard Maxwell	Navy	*R*	June 15, 1949	21	9
	Gradel, Robert	New York	*C*	June 17, 1949	18	9
	Graf, Frederic August, Jr	Naval Reserve	*S*	June 27, 1949	19	2
	Graff, John Alan	Presidential	*S*	July 20, 1949	18	2

[3] Charged to Presidential quota.

Class of 1953 (1,164) members—Continued

Symbol (see p. 29)	Name	Appointed from (see p. 107)	Method of qualifying scholastically (see p. 107)	Date of admission	Age at date of admission	
					Years	Months
	Graham, James Francis	Navy	*R*	June 16, 1949	18	11
	Graham, Vincent Walsh	do	*S*	do	20	6
	Gray, Basil Franklin, Jr	Virginia	*S*	July 18, 1949	20	1
	Greaney, Thomas Lawrence	Navy	*R*	June 15, 1949	19	9
	Greaves, George Henry	Illinois	*S*	June 21, 1949	18	6
	Greeley, Michael Thomas	Navy	*S*	June 16, 1949	20	0
	Green, Harry James	Pennsylvania	*C*	Aug. 3, 1949	22	9
	Green, James Edward	NROTC	*S*	June 21, 1949	18	8
	Green, William Henry	Florida	*S*	June 22, 1949	17	7
	Greene, John William	Rhode Island	*C*	July 13, 1949	18	10
	Greenwood, Joseph Louis, Jr	Navy	*R*	June 15, 1949	19	11
	Griffith, William Earl	Marine Corps	*R*	do	19	4
1	Griffiths, James Ralph	do	*R*	June 16, 1949	19	9
	Griggs, Norman Earl	Virginia	*C*	July 20, 1949	18	4
	Gross, Harold Eugene	Tennessee	*R*	Aug. 8, 1949	18	9
	Grossman, Bernard	Marine Corps	*S*	June 16, 1949	20	11
	Gurnsey, Ronald Allen	Alaska	*R*	June 18, 1949	17	8
	Gurski, John Marion	Pennsylvania	*S*	July 30, 1949	18	11
	Hackney, Thomas Morris	Alabama	*S*	June 29, 1949	17	4
	Hahn, Frederick, Jr	Georgia	*R*	June 18, 1949	19	10
	Haig, Robert Barton	Massachusetts	*S*	July 8, 1949	18	3
	Haley, Robert James	Navy	*S*	June 23, 1949	19	1
	Hall, Bruce Marshall	Ohio	*C*	July 5, 1949	18	9
	Hall, George Robert	Mississippi	*C*	July 7, 1949	19	1
	Hall, James Nelson	Illinois	*R*	June 18, 1949	19	3
	Hall, William Carroll	Massachusetts	*S*	July 13, 1949	17	4
	Halsey, Charles Henry, Jr	Illinois	*S*	do	18	3
	Hamilton, Jay Robert, Jr	Navy	*R*	June 15, 1949	22	0
	Hamm, Clement Davis, Jr	North Carolina	*S*	June 20, 1949	19	11
	Hammett, Bobby Elliott	Mississippi	*C*	July 13, 1949	20	1
	Hanback, Randolph Clay	Naval Reserve	*R*	June 23, 1949	19	3
	Handford, Richard Clarke	Connecticut	*R*	June 22, 1949	17	11
	Hanes, William Travis, Jr	Texas	*C*	June 28, 1949	18	9
	Hanmore, Robert Charles	Naval Reserve	*S*	June 21, 1949	18	7
	Hansen, Gunnar Oscar	Alabama	*R*	Aug. 24, 1949	18	1
	Hanson, Raymond Gardiner	Navy	*S*	June 15, 1949	20	10
	Haponski, John Robert	Marine Corps	*R*	Aug. 24, 1949	19	9
	Harney, Russell Francis	Honor Naval School	*S*	July 2, 1949	18	3
	Harris, Fred Eilers	Iowa	*R*	July 7, 1949	20	9
	Harris, James Wesley	Navy	*R*	June 16, 1949	22	0
	Harris, Richard Adams	Connecticut	*S*	June 18, 1949	18	9
	Harrison, Billy Ray	Missouri	*C*	July 28, 1949	17	11
	Harrison, Donald Kay	Naval Reserve	*S*	June 22, 1949	19	7
	Harrison, Richard Gary	Texas	*S*	June 29, 1949	18	8
	Harshfield, Chancey Lee	Kansas	*R*	June 18, 1949	20	2
	Hart, Jack William	Navy [1]	*R*	July 18, 1949	21	7
	Harwood, Lewis Dale	Virginia	*S*	June 22, 1949	20	11
	Haskin, Robert Eugene	Arkansas	*C*	June 25, 1949	18	10
	Hatch, Harold Glen	Navy	*S*	June 16, 1949	22	3
	Hatch, William Richard	Maine	*R*	July 13, 1949	20	7
	Hatcher, Robert Edward, Jr	Navy	*S*	June 15, 1949	20	10
1	Hatfield, Richard Cecil	Marine Corps	*S*	do	21	6
	Hatfield, William Robert	Alabama	*C*	July 13, 1949	19	0
	Haydon, Robert Eugene	Michigan	*C*	July 8, 1949	18	9
	Hayes, Albert Marion, Jr	Arkansas	*C*	July 2, 1949	19	6
	Hayes, Jerome Basil	Oregon	*C*	July 20, 1949	20	9

[1] Charged to quota from Naval Reserve.

Class of 1953 (1,164) members—Continued

Symbol (see p. 29)	Name	Appointed from (see p. 107)	Method of qualifying scholastically (see p. 107)	Date of admission	Age at date of admission	
					Years	Months
	Haynes, Bennie Alfred	Navy	*R*	June 16, 1949	22	6
	Hays, Estel Wilbur	Nebraska	*R*	July 20, 1949	17	4
	Headland, Carl Ben	Minnesota	*S*	June 17, 1949	19	5
	Hebbard, LeRoy Blanchard, Jr	New Hampshire	*C*	Aug. 10, 1949	19	10
	Heering, David Penney	Marine Corps	*S*	June 16, 1949	20	2
	Hegarty, Roderick James	Naval Reserve	*S*	June 22, 1949	18	10
	Helvey, Julius Louis, II	Idaho	*S*	June 25, 1949	18	1
	Hempel, Robert Emil, III	Texas	*C*	June 17, 1949	20	0
	Henderson, Lee Hepler	Ohio	*S*	June 22, 1949	19	0
	Henry, Edwin Maurice, Jr	Navy	*R*	June 25, 1949	19	0
	Hensley, John Charles	do.[1]	*R*	July 19, 1949	21	7
	Henson, John Morton	California	*C*	June 17, 1949	19	2
	Hente, Donald Bruce	Marine Corps	*S*	June 15, 1949	20	8
	Herkner, Richard Thomas	California	*C*	June 26, 1949	19	6
	Herndon, Stuart Brown	Navy	*R*	June 16, 1949	20	4
	Herring, William Otis	Presidential	*S*	July 23, 1949	18	1
	Hester, Harry Ansel, Jr	North Carolina	*C*	Aug. 3, 1949	18	8
	Higbee, Richard Kenneth	Illinois	*S*	June 18, 1949	19	5
	Higginbotham, Allen Bane	Naval Reserve	*S*	June 30, 1949	19	7
	Higgins, Hugh Wilbert	New York	*C*	do	18	5
	Hill, Earl Edward, Jr	Montana	*S*	July 7, 1949	18	0
	Hill, James Jay	Illinois	*R*	Sept. 3, 1949	19	11
	Hiller, Melvin LeRoy	Navy	*S*	June 15, 1949	19	7
	Hincks, Herbert Arthur	Kentucky	*C*	July 8, 1949	19	2
	Hinman, Albert Harold	Alabama	*S*	June 18, 1949	19	3
	Hirsh, Mason, Jr	Naval Reserve	*R*	June 21, 1949	19	10
	Hoch, David Raymond	Maine	*R*	June 18, 1949	19	10
	Hoch, John Emerson, Jr	New Jersey	*C*	June 23, 1949	20	2
	Hocking, James Robert	Illinois	*S*	June 18, 1949	19	8
	Hodges, John Mack	Presidential	*S*	June 30, 1949	19	0
	Hoffman, Harley Edward	Navy	*S*	June 16, 1949	18	6
	Hoffman, Robert Bernard	California	*S*	July 20, 1949	18	2
	Hoffner, Carleton Crosby, Jr	Presidential	*S*	June 17, 1949	18	2
	Hogan, Walter Vincent	New York	*R*	Sept. 3, 1949	19	7
	Holcomb, Gordon Byron	Oklahoma	*C*	Aug. 6, 1949	19	10
	Holcomb, "M" Staser	Washington	*S*	July 13, 1949	17	6
	Holland, William Anthony	Virginia	*S*	July 5, 1949	18	3
	Holley, Melvin Munroe, Jr	Navy	*R*	Sept. 3, 1949	19	10
	Holmes, Donald Stone, Jr	NROTC	*S*	June 21, 1949	18	5
	Holt, John Jared	Navy [1]	*R*	July 18, 1949	20	10
	Hope, Edgar George, Jr	Kentucky	*S*	June 17, 1949	20	4
	Hopkins, David Frew	New York	*S*	July 29, 1949	17	7
	Hopkins, Daniel James	Idaho	*S*	July 14, 1949	19	3
	Hopkins, Louie Baus	Maryland	*C*	June 17, 1949	18	7
	Horne, Bruce Ratliffe	Marine Corps [2]	*R*	July 16, 1949	20	0
	Horner, John, Jr	North Dakota	*R*	July 1, 1949	19	4
	Hostettler, Stephen John	Vice Presidential	*S*	June 28, 1949	17	10
	Houston, Albert William	North Carolina	*C*	June 17, 1949	19	9
	Howell, David Warmington	Naval Reserve	*S*	July 2, 1949	19	3
	Hozey, Ira Dozier, Jr	Navy	*S*	June 16, 1949	18	7
	Hubal, Augustine Edward, Jr	Naval Reserve	*S*	July 12, 1949	19	0
	Hubbard, David Binkley, Jr	Texas	*R*	June 21, 1949	19	3
	Hubbell, Walter Bates	Oklahoma	*R*	June 20, 1949	20	4
	Huddleston, Richards Roderick	Navy	*R*	June 16, 1949	18	11
	Hudson, Fred Samuel	Naval Reserve	*S*	June 28, 1949	18	7

[1] Charged to quota from Naval Reserve.
[2] Charged to quota from Marine Corps Reserve.

Class of 1953 (1,164) members—Continued

Symbol (see p. 29)	Name	Appointed from (see p. 107)	Method of qualifying scholastically (see p. 107)	Date of admission	Age at date of admission	
					Years	Months
	Huegel, William Mortimer	Navy	*S*	June 16, 1949	20	11
	Huffman, Sam Houston, Jr	Minnesota	*C*	July 8, 1949	17	10
	Hughes, Kenneth Paul	New York	*S*	June 20, 1949	18	8
	Hukill, Henry Durbin, Jr	Indiana	*S*	July 5, 1949	18	8
	Hupman, Charles Irving	New York	*R*	June 20, 1949	20	0
	Huskey, Ronald Franklin	Navy [1]	*R*	July 19, 1949	20	3
	Hutchins, Walter Poehler	Public Law 228	*S*	July 8, 1949	18	4
	Hutchinson, Kenneth Frank	North Dakota	*S*	July 27, 1949	19	10
	Hyatt, John Kenneth, Jr	Missouri	*S*	July 7. 1949	18	10
	Ivanhoe, Richard Eldridge	Presidential	*S*	June 22, 1949	20	8
	Jacoboski, Louis James	Wisconsin	*C*	July 27, 1949	22	11
	Jaksina, Stanley Casemer	Marine Corps	*R*	June 16, 1949	21	3
	James, Joe Mitchell	Missouri	*R*	June 21, 1949	17	5
	Jatras, George	Indiana	*R*	June 23, 1949	18	3
	Jayne, Franklin Bache	Marine Corps	*S*	June 15, 1949	20	4
	Jaynes, Jack King	Navy	*R*	June 16, 1949	19	6
	Jelinek, James John	Ohio	*R*	July 8, 1949	18	10
	Jelley, Philip Morgan	Presidential	*S*	June 28, 1949	17	4
	Jenkins, Folsom	Naval Reserve	*S*	July 20, 1949	18	2
	Jenkins, James Rodger, Jr	Virginia	*C*	June 17, 1949	20	2
	Jenkins, Michael Ernest	Naval Reserve	*S*	June 28, 1949	18	7
	Johnson, Allen Lawrence	Massachusetts	*S*	July 20, 1949	17	7
	Johnson, Clarence Arthur Edward, Jr.	Minnesota	*C*	June 17, 1949	19	3
	Johnson, Harley Anthony	Navy	*R*	June 16, 1949	21	5
	Johnson, Laurence Frost	Honor Naval School	*S*	July 2, 1949	18	4
	Johnson, Littleton Wales	Virginia	*C*	July 30, 1949	19	9
	Johnston, John Maekintosh	Iowa	*R*	June 18, 1949	17	6
	Jones, Claude Everrett, Jr	Georgia	*R*	do	19	10
	Jones, David Buehanan	Presidential	*S*	June 17, 1949	18	0
	Jones, Fred Gilbert	Navy	*R*	June 15, 1949	18	4
	Jones, Horace Breneman, Jr	Presidential	*S*	July 14, 1949	18	2
	Jones, John Wesley	Michigan	*R*	June 28, 1949	21	0
	Jones, Oakah "L," Jr	Oklahoma	*C*	July 7, 1949	19	1
	Jones, Robert Thomas	New Jersey	*C*	June 17, 1949	19	3
	Jones, Robert William Germany	Louisiana	*R*	June 18, 1949	17	6
	Jones, Thomas Wallace, Jr	Presidential	*S*	July 7, 1949	18	4
tb	Jones, Vincent Willlam, Jr	Navy [3]	*R*	Sept. 16, 1948	21	4
	Jordan, James Stewart	Oklahoma	*S*	July 13, 1949	17	8
1	Jorgenson, Glenn "A"	Utah	*R*	Aug. 15, 1949	20	1
	Joslin, James Jay	Wyoming	*S*	July 12, 1949	18	0
	Joyee, Bernard Kenneth	Marine Corps	*S*	June 16, 1949	21	1
	Joyce, James Ronald	Naval Reserve	*S*	Aug. 27, 1949	21	1
	Judd, Wallace Morton	Navy	*S*	June 16, 1949	18	11
	Kalil, Theodore Bruce	Naval Reserve	*R*	June 22, 1949	19	3
	Kalinleh, Albert Michael	Navy	*R*	June 16, 1949	22	7
	Kane, Ira William	Pennsylvania	*R*	June 20, 1949	19	3
	Karcher, Robert Kaye	Illinois	*R*	June 18, 1949	17	11
2	Karsatos, James Gust	Arizona	*R*	do	17	10
	Kassel, Robert Harry	Marine Corps	*R*	June 15, 1949	19	0
	Kattmann, Roger Hugo	Wisconsin	*C*	Aug. 27, 1949	18	3
	Kauderer, Bernard Marvin	Pennsylvania	*S*	June 30, 1949	17	11
	Kaye, Michael Cunningham	Oregon	*S*	July 7, 1949	18	7
b 18	Keefe, Thomas Joseph, Jr	New Mexleo	*S*	Aug. 26, 1949	21	2
	Keenan, George Henry, Jr	Naval Reservc	*S*	June 28, 1949	19	2

[1] Charged to quota from Naval Reserve.

[3] Charged to Presidential quota.

Class of 1953 (1,164) members—Continued

Symbol (see p. 29)	Name	Appointed from (see p. 107)	Method of qualifying scholastically (see p. 107)	Date of admission	Age at date of admission	
					Years	Months
	Keimig, Allen Dudley, Jr.	Maryland	*C*	July 23, 1949	19	4
tb	Kellam, Frank Milton, Jr.	Naval Reserve	*S*	July 14, 1948	18	1
	Kelley, Roy Alvin	Texas	*C*	July 27, 1949	19	6
	Kelly, Patrick John	Minnesota	*C*	July 20, 1949	19	1
	Kennedy, William Everett	do	*S*	June 30, 1949	17	11
	Kent, Thomas Ward	Navy	*R*	June 15, 1949	22	6
	Kergosien, Phil Joseph	Mississippi	*C*	June 30, 1949	18	3
	Ketchum, Roland Randolph	Marine Corps	*R*	Aug. 27, 1949	20	7
	Ketzner, Harry Thomas	Indiana	*C*	July 2, 1949	19	11
tb	Keyte, Edward Lyon, Jr.	Pennsylvania	*S*	June 19, 1948	17	7
1	Kinder, William Randall, Jr.	Ohio	*R*	July 2, 1949	17	9
	King, John Etheridge, Jr.	Texas	*C*	June 29, 1949	19	3
	Kinker, Danny G.	Ohio	*S*	June 28, 1949	17	9
	Kirk, William Gordon	Pennsylvania	*S*	June 30, 1949	18	11
	Kischer, Clayton Ward	Navy	*R*	June 15, 1949	19	3
	Kittler, Simon Jay	Illinois	*R*	June 18, 1949	19	1
	Klatt, Norbert Kenneth	do	*S*	do	17	11
	Klee, Robert Erhart	Naval Reserve	*S*	June 29, 1949	19	1
	Klick, Donald Wayne	North Dakota	*C*	June 20, 1949	19	11
	Kloepper, Robert George	Missouri	*S*	do	18	5
	Kloepping, Herbert Emil	Navy	*S*	June 16, 1949	20	7
	Knight, Robert Herman	do	*R*	do	20	5
	Knighton, George William, Jr.	Oregon	*R*	June 20, 1949	19	1
	Kniss, Donovan Earl	Washington	*C*	July 7, 1949	21	1
	Knotts, Philip Lawrence	Delaware	*S*	July 5, 1949	17	11
	Koch, Donald Fielding	Navy	*R*	June 16, 1949	21	11
	Kohler, Robert Leslie	South Dakota	*S*	July 21, 1949	19	2
	Koonce, John Peter	Presidential	*S*	July 20, 1949	17	6
	Kotick, Robert Elwell	Naval Reserve	*S*	June 22, 1949	19	0
	Kratz, Marshall Lee	Colorado	*C*	July 13, 1949	18	11
	Kraynak, John Paul	Navy	*R*	June 16, 1949	18	11
	Krochmal, Alfred Frank	New York	*S*	June 21, 1949	18	3
	Kruse, Charles Henry, Jr.	Navy	*R*	June 16, 1949	21	4
	Krusi, Peter Herman	do	*R*	do	19	0
	Kucyk, Peter Milton	Naval Reserve	*R*	June 21, 1949	18	11
	Kuczynski, Donald Joseph	Navy [1]	*R*	July 19, 1949	19	8
	Kuffel, Robert Ward	North Dakota	*S*	July 13, 1949	18	0
	Kuhlmann, Dietrich Henry	Naval Reserve	*S*	July 14, 1949	18	5
	Kukowski, Theodore Thomas	do	*S*	June 28, 1949	19	9
	Kunstmann, Clarence Martin	NROTC	*S*	June 22, 1949	19	4
	Laird, Larry Harmon	Illinois	*C*	Aug. 20, 1949	18	6
	Lake, Walter Williams	New York	*C*	July 27, 1949	19	4
	LaLonde, William Fowler	Navy	*S*	June 15, 1949	19	10
	Lamb, Charles William	Mississippi	*S*	July 20, 1949	18	5
	Lammers, Francis Eugene, Jr.	New York	*S*	June 17, 1949	18	11
	Lancaster, Paul Edward, Jr.	Marine Corps	*R*	June 16, 1949	19	10
	Lanier, Robert James	Presidential	*S*	July 8, 1949	17	4
b	Lardis, Christopher Stephen	Ohio	*R*	Aug. 24, 1949	21	8
b	Larned, William Stanley	Naval Reserve	*R*	do	22	11
	Larrew, Marvin Fred	Marine Corps	*S*	June 16, 1949	21	2
	Larson, Howard James	New York	*S*	July 13, 1949	17	8
1	Larson, Paul Delbert	Iowa	*C*	June 29, 1949	19	10
	Larson, Stanley Keith	Minnesota	*C*	July 27, 1949	19	5
	Laufman, Robert Franklin	Vermont	*R*	July 30, 1949	18	3
	Laughlin, Gerald Francois, Jr.	Naval Reserve	*S*	July 2, 1949	18	7
	Laughlin, John Edward	Ohio	*R*	June 20, 1949	18	1

[1] Charged to quota from Naval Reserve.

Class of 1953 (1,164) members—Continued

Symbol (see p. 29)	Name	Appointed from (see p. 107)	Method of qualifying scholastically (see p. 107)	Date of admission	Age at date of admission	
					Years	Months
	Law, John Joseph, Jr.	New Jersey	C	July 27, 1949	19	1
	Lawler, William Allen	Maryland	C	June 18, 1949	18	9
	Lawrence, Donald Stephen	Connecticut	S	July 2, 1949	19	6
	Leaptrott, Lester Millard, Jr.	Honor Military School	S	June 21, 1949	19	7
	Leavitt, Edward Jay	Massachusetts	S	July 13, 1949	17	8
	Leavitt, Horace Madison, Jr.	California	S	June 18, 1949	20	2
	Leftwich, William Groom, Jr.	Tennessee	S	June 28, 1949	18	2
	Leicht, Joseph, III	Minnesota	C	Aug. 6, 1949	18	6
	Lemly, William Dale	Marine Corps Reserve	S	July 2, 1949	18	10
	Lenihan, Edward Lee, Jr.	Illinois	C	do	19	10
	Lent, Willis Ashford, Jr.	Presidential	R	July 13, 1949	17	11
	Levey, Sanford Norman	Navy	R	June 15, 1949	19	11
1	Levy, Ira	do	R	June 16, 1949	22	4
	Lewis, Charles Edward	Presidential	R	June 17, 1949	19	11
	Lewis, Harold Selby	California	C	Aug. 10, 1949	21	4
	Liethen, Frank Elmer, Jr.	Wisconsin	R	July 28, 1949	19	5
	Lindsay, Robert Bruce	Naval Reserve	R	June 22, 1949	20	2
	Lloyd, Theodore Leighton, Jr.	Navy	R	June 16, 1949	19	9
	Locke, Barrie Bliss	Arkansas	S	July 8, 1949	19	11
	Logan, Joseph Bailey	Navy	S	June 16, 1949	19	4
	Lord, Robert McIntosh	North Dakota	S	July 2, 1949	18	5
	Lovell, Donald Eugene	Navy	S	June 16, 1949	21	4
	Lowell, Robert Earle	California	C	June 29, 1949	20	6
	Lucas, Milton Anthony	Naval Reserve	S	July 8, 1949	18	9
	Lucas, Robert James	Honor Military School	S	Aug. 27, 1949	19	3
	Luthin, Richard Buckley	New York	S	July 18, 1949	17	10
	Lynch, William Allen	Illinois	S	Aug. 24, 1949	18	2
	Lyon, Peter Wauchope	Presidential	S	June 22, 1949	18	0
	Mass, Bertram Arthur	Minnesota	S	July 8, 1949	18	1
	MacGregor, Stanley Michael	Naval Reserve	R	June 22, 1949	19	5
	MacMackin Grant	Maine	R	July 8, 1949	19	6
	Mahony, Wilbur James	Navy	R	June 15, 1949	20	4
	Malambri, Nicholas DeJean	Illinois	R	July 8, 1949	19	10
	Malone, Joseph Lawrence, Jr.	Massachusetts	S	July 20, 1949	17	6
	Malone, Thomas Logan, Jr.	Georgia	C	July 8, 1949	18	10
	Mang, Donald Lewis	Navy [1]	R	July 28, 1949	19	6
	Manhard, Albert Henry, Jr.	Michigan	R	June 20, 1949	19	0
	Mann, Frederic Albert	Arizona	S	July 20, 1949	17	8
	Manuel, Robert Ralph	Iowa	S	July 5, 1949	18	5
	Marcinak, Stephen Anthony	Marine Corps [2]	R	July 29, 1949	21	7
	Marion, Jerry Bascervil	Navy	S	June 15, 1949	19	6
	Markham, Lewis Merrill, III	California	S	June 24, 1949	17	7
	Marley, William Harris	Presidential	S	June 25, 1949	20	9
	Marshall, Richard Maynard, III	South Carolina	S	June 28, 1949	18	8
	Martella, Angelo Michael, Jr.	Massachusetts	R	June 20, 1949	21	1
	Martin, Donald Campbell	Minnesota	S	do	21	1
	Martin, Frank Lake, Jr.	Ohio	S	June 22, 1949	18	11
	Martin, Kenneth William	California	R	June 18, 1949	19	8
	Martin, Robert Courtney	Oklahoma	S	Aug. 10, 1949	18	0
	Martin, Robert Wilkes, Jr.	Navy	S	June 16, 1949	20	10
b	Martin, William Donald, Jr.	Indiana	S	Sept. 3, 1949	19	4
	Martinie, Shirley Glen	Navy	R	June 15, 1949	20	0
	Maser, Walther George	Virginia	C	July 13, 1949	19	9
	Mason, Sidney Frank	Nevada	R	June 24, 1949	21	8
	Massie, Samuel Powell	Naval Reserve	R	June 28, 1949	18	4

[1] Charged to quota from Naval Reserve.
[2] Charged to quota from Marine Corps Reserve.

Class of 1953 (1,164) members—Continued

Symbol (see p. 29)	Name	Appointed from (see p. 107)	Method of qualifying scholastically (see p. 107)	Date of admission	Age at date of admission	
					Years	Months
	Matais, George Richard	Honor Military School	*R*	July 30, 1949	17	11
	Matheson, Eugene Campbell	Massachusetts	*S*	June 20, 1949	23	2
	Mathews, Bobby Dan	Texas	*C*	July 13, 1949	17	10
	Matson, John Hanthorn	Minnesota	*R*	June 17, 1949	18	10
	Matteson, Max Richard	Michigan	*C*	July 5, 1949	19	1
	Matthews, William Bruce, Jr	Maryland	*R*	June 18, 1949	18	10
	Mattison, Ralph Martin	Oregon	*C*	July 13, 1949	19	2
	Maxim, Rodney Earle	Maine	*S*	do	17	11
	Maxwell, Philip Harry	New Jersey	*S*	do	17	7
	May, John Edwin	Navy	*R*	June 16, 1949	20	9
	Mayberry, Thomas Alfred, Jr	Virginia	*C*	July 7, 1949	19	4
	Mays, Clayton Paschal	Georgia	*S*	July 5, 1949	19	6
	McAdams, Donald James	Navy	*S*	June 15, 1949	22	1
	McAllaster, Archie Freeman	New York	*C*	Aug. 3, 1949	20	10
th	McCampbell, John Donald, Jr	Minnesota	*R*	June 19, 1948	21	10
	McCanna, Marvin George, Jr	Navy	*S*	June 15, 1949	20	3
	McCarty, Charles Merrill	Iowa	*S*	June 24, 1949	19	4
	McCauley, Reese Stephens, Jr	Texas	*C*	July 23, 1949	18	4
	McClean, John Howard	Marine Corps	*R*	June 15, 1949	20	5
	McCleskey, Francis Robert	Marine Corps Reserve	*S*	June 21, 1949	22	0
	McComb, Robert Bruce	Naval Reserve	*S*	June 25, 1949	19	6
	McCormack, Donald Martin	New Jersey	*S*	June 20, 1949	18	7
th	McCowan, Robert Conrad	Naval Reserve	*S*	June 22, 1948	19	2
	McCoy, John Francis	Rhode Island	*C*	July 14, 1949	18	10
	McCrane, Brian Patrick	New Jersey	*R*	June 22, 1949	20	1
	McCravy, James Boyd, Jr	Naval Reserve	*S*	do	18	0
	McCreery, Thomas Allan	Navy	*S*	June 16, 1949	18	6
	McCullen, John Gilbert, Jr	North Carolina	*S*	July 5, 1949	19	3
	McGreevy, Walter Jacob, Jr	Pennsylvania	*S*	June 30, 1949	18	3
	McInerney, James Howard	Illinois	*S*	June 20, 1949	22	6
	McIntire, Maxwell John, Jr	Presidential	*S*	June 22, 1949	18	3
	McIntyre, Paul Thomas	Michigan	*C*	July 13, 1949	19	4
	McLaughlin, Bernard Robert	New Hampshire	*S*	July 5, 1949	19	10
	McLean, Thomas John	Pennsylvania	*S*	July 28, 1949	17	11
	McNeal, Roy Lester	Marine Corps [2]	*R*	July 29, 1949	20	6
	McVay, Donald Herbert, Jr	New York	*C*	Aug. 13, 1949	19	5
	Mercier, Arthur Gerald	Presidential	*R*	June 17, 1949	20	1
	Merget, Andrew George	New York	*S*	do	19	11
	Merica, Charles Arden	Indiana	*S*	June 18, 1949	19	0
	Mets, David Raymond	Navy	*S*	Sept. 23, 1949	21	7
	Metz, Donald Bernard	South Carolina	*S*	July 20, 1949	18	2
	Metz, Richard Perry	Kansas	*C*	June 22, 1949	18	10
	Meyer, William Carl, Jr	Navy [1]	*S*	July 18, 1949	19	0
	Middleton, Clyde Downing, Jr	Florida	*R*	June 18, 1949	19	5
	Middleton, Charles Odell, III	Naval Reserve	*S*	June 22, 1949	19	7
	Milano, Vito Rocco	New Jersey	*R*	July 6, 1949	19	8
	Millard, Grant Adriance	New York	*S*	July 5, 1949	19	2
	Miller, Curtis William, Jr	Ohio	*C*	June 17, 1949	20	7
	Miller, Evan Kendall	Presidential	*S*	do	17	8
	Miller, George David	Naval Reserve	*S*	Aug. 3, 1949	19	4
	Miller, Joseph John, Jr	Virginia	*S*	July 11, 1949	18	4
1	Miller, Richard Dabney	Navy	*S*	June 16, 1949	20	1
	Miller, Richard Kendall	Presidential	*S*	June 17, 1949	18	9
	Miller, William Selma, Jr	Illinois	*C*	June 30, 1949	18	3
	Miller, William Vinton, Jr	Oklahoma	*C*	Aug. 17, 1949	19	8

[1] Charged to quota from Naval Reserve.
[2] Charged to quota from Marine Corps Reserve.

Class of 1953 (1,164) members—Continued

Symbol (see p. 29)	Name	Appointed from (see p. 107)	Method of qualifying scholastically (see p. 107)	Date of admission	Age at date of admission	
					Years	Months
	Mitchell, Frank Herbert, Jr	Marine Corps	*S*	June 15, 1949	20	11
	Mitchell, Thomas Jerome	Texas	*C*	Aug. 17, 1949	19	10
	Mittell, David Pilot	Navy	*R*	June 16, 1949	20	4
	Molnar, Lawrence Benedict	Ohio	*C*	June 23, 1949	19	9
	Monroe, William Dulany, III	Vice Presidential	*R*	July 13, 1949	18	0
	Moonan, Raymond Lewis	Naval Reserve	*S*	June 25, 1949	19	4
	Mooney, John Bradford, Jr	New Hampshire	*S*	July 20, 1949	18	4
	Moore, Clarence Edward	Iowa	*S*	July 28, 1949	19	9
	Moore, Carlton Herbert, Jr	Naval Reserve	*S*	June 23, 1949	19	0
	Moore, Francis William, Jr	Navy	*S*	June 15, 1949	21	1
	Moore, Rufus Joseph	Louisiana	*S*	June 18, 1949	20	7
tb	Moore, William Minges	Navy	*R*	June 17, 1948	23	2
	Moreau, Arthur Stanley, Jr	Naval Reserve	*R*	June 22, 1949	18	1
	Moretti, Florio Joseph	Marine Corps [2]	*R*	July 16, 1949	20	6
	Morgan, Howard Winfield, Jr	Navy	*S*	June 15, 1949	19	1
	Morgan, James Dance	Florida	*C*	July 5, 1949	18	8
	Morgan, Larry Lee	Nebraska	*S*	June 20, 1949	18	4
	Moriarty, Edwin Scott	Pennsylvania	*S*	June 17, 1949	19	11
	Morrison, John Harry, Jr	Naval Reserve	*S*	July 7, 1949	19	2
	Morse, Edward Alfred	Rhode Island	*C*	July 18, 1949	19	0
	Mott, Harry James, 3d	Naval Reserve	*R*	June 27, 1949	20	2
	Moulton, Jack Chandler	Ohio	*C*	July 13, 1949	19	1
	Muench, Gerald Winston	Illinois	*C*	July 8, 1949	19	0
	Muhlig, John Robert, Jr	Tennessee	*C*	July 19, 1949	18	10
	Muka, Joseph Abbott, Jr	Massachusetts	*R*	June 18, 1949	17	7
	Mullender, Thomas James, Jr	Louisiana	*R*	do	17	11
	Mullis, DeLacy Horton	Georgia	*C*	July 2, 1949	19	1
	Mumford, Charles Edgar	Naval Reserve	*R*	June 22, 1949	18	4
	Murphy, Elbridge Frederick, Jr	Wisconsin	*S*	July 2, 1949	18	0
	Murtagh, Thomas John	California	*C*	do	18	11
	Musorrafiti, Francesco Antonio	New York	*R*	June 20, 1949	19	8
	Myers, Jack Albert	Texas	*S*	June 21, 1949	18	9
	Nagazyna, John Kenney	Marine Corps	*R*	Aug. 11, 1949	21	10
	Naylor, Frankie Lee	Tennessee	*C*	July 13, 1949	18	6
	Nein, Richard Alan	Pennsylvania	*S*	do	18	3
b	Nelson, George Edwin, Jr	Kansas	*S*	Aug. 25, 1949	19	10
	Nelson, Keith	South Dakota	*S*	July 7, 1949	18	7
	Nelson, Ronald Arthur	Naval Reserve	*R*	July 28, 1949	19	6
	Nesbitt, Harry James	do	*R*	June 21, 1949	18	11
	Nevarez, Antonio	Navy [1]	*R*	July 29, 1949	19	1
	Newbegin, Edward Cherry	New York	*R*	June 20, 1949	19	2
	Newbegin, Robert Goodchild, IV	Naval Reserve	*R*	June 28, 1949	19	3
	Newnham, Richard Lynn	Pennsylvania	*S*	July 7, 1949	18	4
	Newsome, Ralph, Jr	Oregon	*C*	July 13, 1949	18	10
	Nolan, Richard William	New York	*C*	June 17, 1949	21	2
	Nomady, Verne Gilbert	Indiana	*R*	June 18, 1949	17	10
	Norby, Merlin Robert	Navy	*R*	June 15, 1949	22	7
	Nord, James Richard	Michigan	*C*	July 13, 1949	19	1
	North, Robert Rosser	Ohio	*S*	June 22, 1949	19	0
	Northrop, Robert Edwards	Tennessee	*C*	June 29, 1949	18	6
	Oakes, Robert Clement	California	*S*	do	19	7
	Oberholtzer, William Edward, III.	Presidential	*R*	June 21, 1949	17	6
	Ochs, Lamont Earl	Navy	*S*	June 22, 1949	20	8
	O'Connell, John Daniel	Arizona	*R*	June 18, 1949	18	8

[1] Charged to quota from Naval Reserve.

[2] Charged to quota from Marine Corps Reserve.

Class of 1953 (1,164) members—Continued

Symbol (see p. 29)	Name	Appointed from (see p. 107)	Method of qualifying scholastically (see p. 107)	Date of admission	Age at date of admission	
					Years	Months
	O'Connell, Patrick John	Wisconsin	*R*	Aug. 13, 1949	19	9
	Ogden, Bruce Franklin	Marine Corps Reserve	*R*	June 21, 1949	19	5
	Ojerholm, Michael Francis	Presidential	*S*	June 22, 1949	18	7
	O'Keefe, James Lawrence, Jr	New Jersey	*S*	June 17, 1949	19	4
	O'Leary, John Bernard, Jr	Massachusetts	*S*	do	20	9
	Oliver, Perry Staton, Jr	Georgia	*C*	July 5, 1949	18	3
	Olson, Conrad Bruce	Minnesota	*S*	June 30, 1949	18	2
	Olson, James Russell	NROTC	*S*	June 25, 1949	19	2
	Olson, John Robert	Wyoming	*S*	July 2, 1949	17	5
	Olson, John Scott	Michigan	*C*	July 13, 1949	19	7
	Oppermann, Edward Belz	Illinois	*C*	June 24, 1949	19	5
	Orr, Arnold Joseph	Marine Corps	*R*	June 15, 1949	20	4
	Osborn, Robert Hart	Naval Reserve	*S*	July 8, 1949	19	0
	Ostronic, Francis James	Nebraska	*C*	June 20, 1949	19	11
	Owens, James Laurent	Navy	*R*	June 15, 1949	19	11
	Palmer, James Kenneth	do	*S*	June 16, 1949	20	1
	Paolucci, Donald Clare	Naval Reserve	*R*	July 2, 1949	20	0
	Pape, William James, II	Connecticut	*S*	July 13, 1949	17	11
	Parcell, Jack Donald	West Virginia	*C*	June 30, 1949	19	5
	Parish, Walter Cantrell	Presidential	*S*	June 21, 1949	18	4
	Parker, Thomas Carroll, Jr	North Carolina	*C*	July 7, 1949	18	11
	Paro, Eugene Edward, Jr	New York	*S*	June 20, 1949	18	3
	Patterson, Henry Barto, Jr	Marine Corps	*S*	June 15, 1949	20	6
	Paulk, John Eldon	Kansas	*C*	July 13, 1949	18	9
	Paulsen, Raymond Earl	Ohio	*S*	June 20, 1949	19	2
	Peckworth, Dana	Illinois	*S*	July 13, 1949	18	6
	Pedersen, Alton Andrew	Nevada	*C*	July 7, 1949	19	3
	Perot, Henry Ross	Texas	*C*	June 27, 1949	19	0
	Perry, James Wallace, Jr	Tennessee	*C*	July 13, 1949	18	11
	Personette, Alan Jay	Navy	*S*	June 15, 1949	20	8
	Pertel, Joseph Anthony	Illinois	*S*	July 8, 1949	18	3
	Peters, Edward Robert	Ohio	*S*	July 13, 1949	17	11
	Peters, William John	Naval Reserve	*S*	June 22, 1949	19	11
	Petersen, Edwin Jerome, Jr	Navy	*S*	June 15, 1949	18	8
1	Peterson, Arthur Superior, Jr	Presidential	*S*	June 27, 1949	20	3
	Peterson, Charles Dewar	Oregon	*R*	June 20, 1949	20	6
	Peterson, George Edward, Jr	Presidential	*R*	June 21, 1949	18	9
	Pettit, Thomas Edwin	Ohio	*S*	June 20, 1949	19	7
	Pfeifle, Richard Charles	Marine Corps Reserve	*R*	June 21, 1949	21	3
	Pickett, Gordon Dent	Naval Reserve	*S*	July 2, 1949	19	5
	Pickett, Rex Levering, Jr	Marine Corps Reserve	*R*	June 28, 1949	19	1
	Pine, Jack Dempsey	Missouri	*R*	July 30, 1949	20	11
	Plank, Robert Victor	Nebraska	*R*	June 21, 1949	18	0
	Platt, Alvin Wayne	Kansas	*S*	June 25, 1949	18	3
	Ploss, John Hubert	Oregon	*S*	July 14, 1949	17	6
	Plummer, William Arlington	Minnesota	*C*	July 7, 1949	19	6
	Pochari, Thomas Richard	New York	*C*	July 8, 1949	18	9
	Poe, Eugene Marion, Jr	West Virginia	*S*	June 30, 1949	17	11
	Poland, James Barnett	Arkansas	*C*	July 2, 1949	18	7
	Pope, James Franklin	Idaho	*R*	July 18, 1949	21	3
tb	Porter, Donald Jack	Ohio	*S*	June 22, 1948	19	4
	Porter, David Norris	Presidential	*S*	June 22, 1949	18	7
	Potter, Arthur Murdock, Jr	Delaware	*S*	July 8, 1949	18	7
	Powell, Julian Bagby	Texas	*R*	June 29, 1949	17	8
	Prewett, William Thomas	California	*C*	do	19	6
	Prickett, Bruce Lee	Navy	*R*	June 16, 1949	19	2
	Prieb, Charles Robert	Illinois	*S*	June 18, 1949	18	4

Class of 1953 (1,164) members—Continued

Symbol (see p. 29)	Name	Appointed from (see p. 107)	Method of qualifying scholastically (see p. 107)	Date of admission	Age at date of admission	
					Years	Months
	Prien, Walter Ferdinand, Jr.	Presidential	*S*	July 8, 1949	18	1
	Pringle, Homer George, Jr.	Alabama	*S*	June 18, 1949	18	8
	Puchner, William Ralph	Wisconsin	*S*	July 8, 1949	18	7
	Purdum, William Hayes	Pennsylvania	*C*	July 23, 1949	18	11
	Purser, Fred Olthus, Jr.	Honor Military School	*S*	July 8, 1949	18	1
	Purvis, Ronald Scott	Ohio	*C*	July 23, 1949	21	3
	Pyle, Billie Barton	Marine Corps	*R*	June 16, 1949	20	6
	Quirk, John Thomas	New Jersey	*S*	July 13, 1949	18	6
	Quirk, William Jerome	Navy	*S*	June 15, 1949	19	5
	Quirk, William Joseph	New York	*R*	July 8, 1949	18	2
	Raffaele, Robert Joseph	do	*C*	July 25, 1949	18	6
	Rallis, Lee George	South Dakota	*C*	July 23, 1949	18	7
	Ramsey, William Edward	Presidential	*S*	July 18, 1949	17	10
	Randall, Howard Felt, Jr.	Florida	*C*	July 2, 1949	18	9
	Randall, Howard Walter	Navy	*S*	June 16, 1949	19	9
	Rapp, Frank Armour, Jr.	Louisiana	*S*	July 7, 1949	18	6
	Ray, Billy Wayne	Marine Corps	*R*	June 16, 1949	21	0
	Raymond, Richard, III	Missouri	*R*	June 20, 1949	18	6
	Rea, James Lee	Marine Corps Reserve	*S*	June 22, 1949	22	0
	Redmon, Evan Hayes, Jr.	Kentucky	*R*	June 18, 1949	18	4
	Reed, Charles Arthur	Texas	*S*	June 25, 1949	18	1
	Reffitt, Raymond Elwood	Vice Presidential	*C*	July 2, 1949	18	6
	Reid, Robert Eugene	New York	*C*	July 18, 1949	18	7
	Reiss, Charles Edward	Presidential	*S*	June 22, 1949	18	11
	Reith, George, Jr.	Naval Reserve	*S*	July 18, 1949	18	11
	Rhamstine, John Rufus, Jr.	do	*S*	June 22, 1949	18	10
	Rhude, Donald Preston	Massachusetts	*C*	July 8, 1949	18	5
	Rice, Daniel William	Pennsylvania	*S*	July 23, 1949	17	10
	Richardson, Harold Monroe	Colorado	*S*	June 20, 1949	18	10
	Richardson, William Joe	Kansas	*C*	July 8, 1949	19	6
	Rigdon, Roland Henry	Navy	*R*	June 15, 1949	19	8
	Rigor, David Miles	Naval Reserve	*S*	June 22, 1949	19	4
	Rindahl, Gilbert Ferbitz	North Dakota	*R*	June 20, 1949	19	3
	Ritchie, William Hoke, Jr.	Tennessee	*C*	June 28, 1949	18	11
	Ritz, Merlin Carroll	California	*S*	June 15, 1949	18	9
	Roach, Francis LeRoy	Navy	*S*	do	20	6
	Roberts, John Ansty, 3rd	New York	*S*	July 18, 1949	17	10
	Robins, Harvey Albert	Navy [1]	*R*	Aug. 17, 1949	20	3
	Robinson, William Arthur	Illinois	*S*	July 18, 1949	18	0
	Robson, Harry Ernest	Naval Reserve	*S*	June 22, 1949	18	10
	Rodda, Ronald John	do	*S*	July 13, 1949	19	3
	Rodgers, James Biddle	Presidential	*S*	June 29, 1949	17	10
	Rodgers, James Richard	do	*S*	June 21, 1949	19	4
	Rodine, Robert Henry	Navy	*S*	June 15, 1949	19	7
	Rodriguez, William Primitivo	Louisiana	*C*	July 2, 1949	17	11
	Roe, Dorsey, Jr.	Navy	*R*	June 25, 1949	22	1
	Roepke, John Roy	North Dakota	*R*	June 29, 1949	22	9
	Rogers, Lane	Marine Corps	*R*	June 16, 1949	20	9
	Rogers, Robert Burnett	New York	*R*	June 20, 1949	18	1
	Rojo, Manuel, Jr.	California	*S*	do	20	5
	Romer, James Joseph	Naval Reserve	*S*	June 22, 1949	20	3
	Rose, Arthur Gerald	Navy	*R*	June 16, 1949	19	9
tb	Ross, Ray Meredith	Texas	*C*	June 30, 1948	18	8
	Ross, William Thomas, Jr.	Presidential	*S*	July 14, 1949	17	7
tb 1	Rossie, Richard Lee	Marine Corps [2]	*R*	June 30, 1948	19	7

[1] Charged to quota from Naval Reserve.

[2] Charged to quota from Marine Corps Reserve.

Class of 1953 (1,164) members—Continued

Symbol (see p. 29)	Name	Appointed from (see p. 107)	Method of qualifying scholastically (see p. 107)	Date of admission	Age at date of admission	
					Years	Months
	Roth, William Leslie	South Dakota	*R*	June 21, 1949	18	9
	Rothenberger, Donald James	Pennsylvania	*S*	June 20, 1949	19	0
	Royston, Mark William	Navy	*R*	June 15, 1949	19	1
	Rubb, Milton Robert	Connecticut	*S*	June 18, 1949	19	2
	Ruckman, Robert Elwood	New Jersey	*S*	July 18, 1949	18	7
	Ruddick, George Raymond, Jr	Navy	*S*	June 15, 1949	19	7
	Rudolph, Francis Albert, Jr	Presidential	*R*	June 21, 1949	17	11
	Rumph, Harold Henry	Texas	*C*	July 30, 1949	18	10
	Russell, John Lowell	Navy	*S*	June 15, 1949	19	6
	Russell, Walter Clarence, Jr	Presidential	*R*	June 22, 1949	18	10
	Rutherford, Charles Frank, Jr	Naval Reserve	*R*	do	19	5
	Ryan, William Aloysious	do	*S*	do	19	10
	St. John, James Wilson	Arkansas	*C*	June 29, 1949	19	6
	Salgado, Paul Ramon	Arizona	*C*	July 8, 1949	17	11
	Salzman, Kenneth Maxwell	Presidential	*S*	June 23, 1949	17	9
	Sammis, Donald Stuart, Jr	Honor Naval School	*S*	July 2, 1949	18	9
	Sanabria, Henry Charles	Navy	*R*	Sept. 23, 1949	23	3
	Sassano, John Pasquala	do.[1]	*S*	July 18, 1949	21	3
tb	Satterwhite, Hugh Conway, Jr	Marine Corps [2]	*R*	June 17, 1948	19	9
	Sawicki, Bernard David	Massachusetts	*C*	Sept. 19, 1949	20	4
	Sawyer, Thomas Cushing	Naval Reserve	*S*	June 24, 1949	18	10
	Scearce, Richard Ward, Jr	Kentucky	*C*	June 17, 1949	19	10
	Schaaf, Thomas William	Washington	*C*	Sept. 3, 1949	22	7
tb	Schaffrath, Henry George, Jr	Marine Corps [2]	*R*	June 17, 1948	19	2
	Schaller, Robert Austin	New York	*R*	June 20, 1949	20	1
	Schaub, Jerry Edward	Montana	*C*	Sept. 8, 1949	19	5
	Schermerhorn, James Randolph	NROTC	*S*	June 21, 1949	18	8
tb	Scheu, Lawrence Daniel, Jr	Navy [1]	*R*	Aug. 2, 1948	20	7
	Schlaufman, Louis Charles	Massachusetts	*S*	Aug. 24, 1949	21	7
	Schmidt, Chauncey Everett	Iowa	*S*	July 7, 1949	18	1
	Schmitt, George Earl	Kentucky	*R*	June 18, 1949	19	1
	Schmitz, Richard Joseph	Iowa	*C*	Aug. 31, 1949	19	9
	Schoderbek, Stephen Ernest	Pennsylvania	*R*	June 29, 1949	19	10
	Schoenhut, James Laurence	Idaho	*S*	Aug. 3, 1949	18	8
	Schroder, Arthur Henry	Mississippi	*R*	July 6, 1949	21	1
	Schroeck, Frederick John, Jr	Pennsylvania	*C*	June 18, 1949	20	2
	Schucker, Robert McBride	New York	*R*	June 20, 1949	18	2
	Schuerger, John Albert	Naval Reserve	*S*	June 22, 1949	18	8
	Schulte, Jean Hedrix	Navy	*R*	June 15, 1949	23	0
1	Schuneman, LaVerne Lloyd	Illinois	*S*	June 21, 1949	18	11
	Schwenz, Richard William	New York	*R*	July 5, 1949	20	1
	Scott, Edward Tyler	California	*C*	June 23, 1949	19	2
	Scott, Wallace Cooper, III	Tennessee	*S*	June 21, 1949	17	9
	Sebring, Leland Hart	Florida	*R*	June 18, 1949	20	0
	Seidell, James Schwartz, Jr	Navy	*S*	June 15, 1949	18	6
	Selz, George Oscar	Ohio	*S*	July 30, 1949	18	1
	Serpa, Robert Louis	Massachusetts	*S*	July 12, 1949	17	9
tb	Severin, Clarence Andrew, Jr	Kansas	*C*	July 3, 1948	19	1
	Seymour, Ernest Richard	New York	*S*	July 20, 1949	17	9
	Shadburn, Theodore Hanby	Ohio	*C*	Aug. 3, 1949	19	1
	Shaidnagle, Robert Heath	Washington	*S*	do	19	0
	Shakespeare, Franklin Bradford	Marine Corps Reserve	*R*	July 18, 1949	19	2
	Shappell, John Richard	Naval Reserve	*S*	June 22, 1949	19	2
	Sharrah, Ronald Logan	do	*S*	July 2, 1949	19	1
	Shay, Fred Loutherback	Navy	*R*	June 16, 1949	20	0

[1] Charged to quota from Naval Reserve.
[2] Charged to quota from Marine Corps Reserve.

Class of 1953 (1,164) members—Continued

Symbol (see p. 29)	Name	Appointed from (see p. 107)	Method of qualifying scholastically (see p. 107)	Date of admission	Age at date of admission	
					Years	Months
	Sheahan, Robert Riling	Minnesota	*S*	July 13, 1949	17	11
	Sheeley, Elmer Ellsworth, Jr	California	*R*	June 28, 1949	21	1
	Sheets, Dwayne Alan	Minnesota	*S*	July 5, 1949	17	11
	Sherlock, John, Jr	Alabama	*C*	July 2, 1949	17	11
	Sherman, Stuart Holmes, Jr	Georgia	*S*	July 5, 1949	17	4
	Sherwood, Glenn Graham	Naval Reserve	*S*	July 18, 1949	20	7
	Shirley, William Bryan	Navy	*R*	June 15, 1949	19	3
	Shoopman, Bertram Henry, Jr	Vice Presidential	*S*	July 30, 1949	17	8
	Shrewsbury, Lawrence Harold, II	Oklahoma	*C*	July 28, 1949	18	11
	Shuek, Thomas Leonard	Naval Reserve	*S*	July 8, 1949	19	4
	Shure, Alan Harris	Illinois	*R*	June 18, 1949	18	9
	Sieber, Charles Emerson	Pennsylvania	*S*	July 18, 1949	18	6
	Sima, Frederick Frank, Jr	Presidential	*S*	June 22, 1949	18	8
	Simmons, Arlis Jackson	California	*R*	June 18, 1949	20	6
	Simpson, William Aubrey	Washington	*S*	Aug. 20, 1949	20	3
	Sinnott, John Patrick Richard	New York	*S*	July 8, 1949	17	11
	Sisco, Billy Joe	Navy	*S*	July 18, 1949	19	1
	Skerrett, Robert Joseph	New York	*S*	July 13, 1949	19	9
	Skomsky, Louis Joseph	do	*R*	June 20, 1949	20	1
	Slack, Thomas Way	West Virginia	*C*	June 17, 1949	19	5
b	Sladky, James Aloysius	Wisconsin	*R*	Aug. 24, 1949	21	1
	Sluss, Maurice Craig	Virginia	*C*	June 17, 1949	20	6
	Smila, William Wallace	Michigan	*S*	June 21, 1949	19	8
	Smith, Alfred Anderson	Naval Reserve	*S*	June 23, 1949	19	3
	Smith, Bertrand Dean	do	*S*	July 20, 1949	19	8
	Smith, Donald Baxter	New York	*R*	June 20, 1949	18	9
b	Smith, Donald Byron	Naval Reserve	*S*	Sept. 1, 1949	22	1
	Smith, Donald Damien	Navy	*S*	June 15, 1949	20	0
	Smith, Don Ray	Naval Reserve	*S*	June 23, 1949	21	9
	Smith, Delvin Wellington, Jr	Navy [1]	*S*	Sept. 1, 1949	20	6
	Smith, Joseph Collins	Tennessee	*C*	June 30, 1949	20	8
	Smith, John Henry	Massachusetts	*R*	June 17, 1949	19	8
	Smith, Norman Arthur	New York	*S*	July 30, 1949	18	6
	Smith, Robert Lee	Navy	*S*	June 16, 1949	20	6
	Smith, Thomas John	New York	*C*	July 20, 1949	18	8
	Smitherman, John Alvis	North Carolina	*C*	July 8, 1949	19	7
	Smoak, Robert Vann	Navy [1]	*S*	July 18, 1949	20	11
	Snead, Douglas Lee	Marine Corps Reserve	*S*	June 22, 1949	20	10
	Snively, Abram Barr, III	do	*R*	do	21	7
	Snouse, William Hervey	Ohio	*S*	June 28, 1949	17	8
	Snuffin, Jerry Arthur	Naval Reserve	*S*	July 13, 1949	18	10
	Snyder, Ned "C"	Indiana	*S*	June 28, 1949	17	9
	Sokol, John	Naval Reserve	*S*	June 22, 1949	19	10
	Sollars, John Joseph	do	*S*	July 2, 1949	20	9
	Sologuren, Luis	Republic of Peru	*R*	July 5, 1949	18	6
	Somers, Allen Howard	Kentucky	*S*	June 18, 1949	19	11
	Sonnenburg, Paul Nelson	Navy	*S*	June 15, 1949	20	9
	Sorenson, Curtis Alvin	Marine Corps	*R*	Oct. 7, 1949	21	1
b	Spanagel, Herman Adolph, Jr	California	*C*	July 21, 1948	20	9
	Spar, Edwin Franklin	Nebraska	*R*	June 20, 1949	18	5
	Spencer, Dwight	Navy	*R*	June 16, 1949	20	2
	Spencer, Roy Spear, Jr	Alabama	*S*	July 18, 1949	22	0
	Sperling, Daniel Paul	Navy	*R*	June 15, 1949	19	5
	Spiller, Fraser William	Presidential	*S*	June 29, 1949	18	10
	Squires, Royal Twombly	Michigan	*R*	July 13, 1949	20	5
	Stifford, Frank Rixon	Vice Presidential	*S*	June 17, 1949	19	6

[1] Charged to quota from Naval Reserve.

Class of 1953 (1,164) members—Continued

Symbol (see p. 29)	Name	Appointed from (see p. 107)	Method of qualifying scholastically (see p. 107)	Date of admission	Age at date of admission	
					Years	Months
	Stafford, Kenneth Brandt	Texas	C	July 2, 1949	18	1
	Stapleton, John Kenneth	New York	S	July 18, 1949	18	2
	Stark, Daniel Morris	Texas	S	June 21, 1949	19	1
	Starnes, Billy Gene	Tennessee	C	June 28, 1949	19	0
	Starnes, Charles Campbell, Jr	do	C	do	19	5
	Stater, Nat Alan	Arkansas	C	July 2, 1949	19	4
	Stecker, George Raymond, Jr	Pennsylvania	S	July 7, 1949	18	7
	Steigerwald, Richard Michael	Ohio	S	June 20, 1949	18	9
	Stephens, James Ernest	Presidential	S	July 13, 1949	17	9
	Stephens, Robert Edward	Wyoming	C	Sept. 9, 1949	19	5
	Stevens, Merrill Doyle	Texas	C	June 17, 1949	20	5
	Stevens, Richard Paul	Connecticut	S	July 20, 1949	17	10
tb	Stice, Ray Bickmore	Presidential	R	June 30, 1948	19	11
	Stoffelen, Peter Leander	Marine Corps	R	June 16, 1949	21	4
	Stolle, Donald Eugene	Naval Reserve	S	June 25, 1949	19	1
	Stoner, John Willard, Jr	New Jersey	S	June 20, 1949	18	3
	Storm, Richard Everett	Kentucky	C	July 2, 1949	18	11
	Stride, William Francis Adair, Jr.	Massachusetts	S	July 13, 1949	18	1
	Strohecker, Franklin Martin	Naval Reserve	S	July 7, 1949	18	10
	Strong, Dean Loder	New Jersey	R	June 20, 1949	18	9
	Struven, Robert Louis	Ohio	S	June 30, 1949	18	11
	Stucker, Gayle Garrett	Marine Corps	S	June 15, 1949	20	0
tb	Studebaker, Clayton Albert	Presidential	S	July 3, 1948	19	1
	Stuntz, John Richard	Indiana	S	June 30, 1949	18	1
	Sturgeon, William James, III	Naval Reserve	S	June 22, 1949	20	8
	Sturges, John Bellows, Jr	Missouri	C	June 21, 1949	20	10
	Styles, Hal James, Jr	California	R	June 20, 1949	20	3
	Sullivan, Thomas Lloyd	Pennsylvania	R	June 21, 1949	22	3
	Sullivan, William Wesley	Illinois	R	Aug. 12, 1949	19	0
	Sundell, Allan Richard	Iowa	R	June 18, 1949	18	8
	Sutter, Bradley	Minnesota	S	June 20, 1949	18	9
	Swan, John Wellington	Maryland	C	June 24, 1949	19	2
	Swanson, Hardy Lee, Jr	South Carolina	S	June 21, 1949	18	6
	Switzer, Wendell Gray, Jr	Louisiana	R	June 18, 1949	19	2
	Sykes, Lewis Blair	Pennsylvania	S	July 6, 1949	19	6
	Taggart, Arthur John	Kentucky	S	June 18, 1949	19	6
	Talbot, Frank Russell, Jr	California	S	July 13, 1949	18	5
	Tallmadge, Theodore	Ohio	S	July 7, 1949	17	9
	Tarlton, Joe Edward	North Carolina	S	June 20, 1949	19	3
	Tarpley, William Augustus	Georgia	R	June 18, 1949	19	3
	Taylor, Edmund Battelle, Jr	Presidential	R	Sept. 15, 1949	18	0
	Taylor, Frederick Hugh	Naval Reserve	R	June 22, 1949	20	1
	Taylor, Thomas Hayden	Georgia	C	July 27, 1949	17	9
	Terry, Daniel Gilley Warren	Texas	C	June 17, 1949	18	9
	Thalman, James Edward	West Virginia	C	July 13, 1949	19	3
	Thayer, Rufus Gerard, Jr	Presidential	S	July 8, 1949	18	2
	Theotokatos, Thomas Leonard	Colorado	R	June 18, 1949	22	0
	Thies, Walter Louis	Oklahoma	R	June 20, 1949	18	1
	Thole, Charles Poulson	Naval Reserve	S	June 28, 1949	19	6
	Thomas, Clifford Charles, Jr	New York	S	June 20, 1949	20	7
	Thomas, Don Warren	Pennsylvania	C	Sept. 3, 1949	20	11
	Thomas, Frederic Joseph	Massachusetts	C	June 21, 1949	20	5
	Thomas, Richard Ludlow	Texas	S	July 5, 1949	18	2
b 18	Thompson, Arthur Robert, Jr	North Carolina	C	Aug. 25, 1949	19	11
	Thompson, Cedric Meredith, Jr	Massachusetts	S	June 18, 1949	19	1
	Thompson, William Morgan	Pennsylvania	C	June 24, 1949	19	3
	Throop, James Ray	New Jersey	C	July 18, 1949	18	2
	Tiede, Herbert Robert	Navy	R	June 16, 1949	19	4

Class of 1953 (1,164) members—Continued

Symbol (see p. 29)	Name	Appointed from (see p. 107)	Method of qualifying scholastically (see p. 107)	Date of admission	Age at date of admission	
					Years	Months
	Toland, Hugh Joseph Cyril, Jr	Pennsylvania	*S*	June 20, 1949	19	4
	Tolman, Milton Holbrook	Colorado	*R*	June 18, 1949	19	2
	Tortora, Anthony Michael	Naval Reserve	*S*	June 30, 1949	19	5
	Tracy, William Kenneth	Navy	*R*	June 16, 1949	20	11
	Trammell, Webb deLathuy	Presidential	*R*	June 21, 1949	17	10
	Trost, Carlisle Albert Herman	Illinois	*C*	July 23, 1949	19	3
	Truax, Evan Carl	Iowa	*C*	July 2, 1949	19	2
	Trueblood, William Eugene	Indiana	*C*	June 18, 1949	19	5
	Trunz, Joseph Paul, Jr	Naval Reserve	*S*	June 22, 1949	20	5
	Turk, Charles William	Marine Corps Reserve	*S*	June 25, 1949	19	6
	Tuttle, John Robert	Michigan	*S*	June 28, 1949	18	4
	Tyler, George Edward	do	*R*	Aug. 3, 1949	19	6
	Umberger, Robert Cole	Navy	*S*	June 15, 1949	19	2
	Unger, James Lenes	Ohio	*C*	June 17, 1949	19	11
	Upshaw, Donald Eugene	Navy	*S*	July 18, 1949	20	4
	Vahlkamp, Eugene William	Nebraska	*C*	June 28, 1949	17	10
	Vail, Joseph Lennington	Naval Reserve	*S*	July 20, 1949	18	7
	Van Brunt, Jack Tylor	Colorado	*C*	Aug. 27, 1949	19	2
	Vandersluis, Jan Pier	Presidential	*R*	July 18, 1949	19	8
	Van Hoof, Eugene Robert	Wisconsin	*C*	June 17, 1949	19	6
	Van Scoyoc, James Stephen	Illinois	*R*	June 18, 1949	18	7
	Velazquez-Suarez, Francisco Antonio.	Puerto Rico	*C*	July 2, 1949	18	2
	Vernia, Thomas Joseph, Jr	Ohio	*R*	June 20, 1949	17	10
	Vidano, Albert James	Arizona	*C*	July 2, 1949	20	3
	Viers, Willard Glenn, Jr	Tennessee	*S*	June 21, 1949	19	2
	Vigee, Edward Erwin	Louisiana	*C*	Aug. 13, 1949	20	0
	Villaret, Albert Louis	New Jersey	*R*	June 20, 1949	19	10
	Vining, Albert Dewey, Jr	Michigan	*R*	do	21	1
	Voelker, Donald Chase	Rhode Island	*S*	June 21, 1949	18	0
	Vogt, Donald Arthur	Illinois	*S*	June 18, 1949	19	2
	Von Hausen, William Walter	Maryland	*S*	June 18, 1949	20	4
	Vosseller, John Hewitt	Presidential	*S*	July 7, 1949	19	6
	Voyer, Irving Louis, Jr	NROTC	*S*	June 22, 1949	18	11
	Wadsworth, Ben Awbrey, Jr	Alabama	*C*	July 2, 1949	19	5
	Wagner, David Frederick	New Jersey	*C*	July 13, 1949	19	5
	Waid, Stanley Bevan	Pennsylvania	*C*	June 17, 1949	20	4
	Waites, Chancellor Byron	Alabama	*C*	July 7, 1949	19	8
b 18	Wakeman, Curtiss Onley	New York	*S*	Aug. 24, 1949	20	0
	Wakeman, William Hugh, Jr	Marine Corps	*R*	July 16, 1949	19	11
	Wakitsch, Harold Eugene	Navy	*S*	June 15, 1949	20	7
	Waldron, David Lee	Michigan	*R*	June 20, 1949	19	0
	Walker, Charles Spaulding	Honor Military School	*R*	June 23, 1949	18	3
	Walker, James Benjamin, Jr	Georgia	*R*	July 18, 1949	21	1
	Walker, Peter Robert	Honor Naval School	*S*	June 29, 1949	17	6
	Wallner, Nicholas	Naval Reserve	*S*	June 22, 1949	19	10
	Walters, Harold Lincoln, Jr	West Virginia	*R*	do	19	5
b	Ward, Benjamin Porter, Jr	Presidential	*R*	Aug. 24, 1949	20	2
	Ward, Gene Patrick	Maryland	*S*	July 14, 1949	18	1
	Warren, Thomas Carroll	Illinois	*C*	July 13, 1949	18	0
	Warzecha, Eugene Thomas	Connecticut	*C*	July 14, 1949	20	4
	Waterman, Hawley Chapel, Jr	Presidential	*R*	Aug. 12, 1949	19	4
	Watkins, Augustus Wright, Jr	Virginia	*C*	July 7, 1949	18	0
	Watson, Lawrence Hemphill, Jr	do	*R*	June 27, 1949	18	6
	Weaver, Jerold Quigley	Arkansas	*C*	July 18, 1949	17	10
	Webb, James Ottie, Jr	Naval Reserve	*R*	June 22, 1949	20	3
	Weber, Robert Joseph	Tennessee	*S*	July 14, 1949	18	7

Class of 1953 (1,164) members—Continued

Symbol (see p. 29)	Name	Appointed from (see p. 107)	Method of qualifying scholastically (see p. 107)	Date of admission	Age at date of admission	
					Years	Months
tb	Weber, Robert Redmond	Presidential	*R*	June 21, 1948	20	11
	Webster, James McAllen	Maryland	*C*	June 17, 1949	22	10
	Weeks, Henry Richard, Jr	Presidential	*S*	June 21, 1949	18	10
	Weinstein, Gerald Edward	Navy	*S*	June 15, 1949	20	9
	Wellings, John Franklin	NROTC	*S*	June 21, 1949	19	0
	Wells, Don Vinton	Ohio	*C*	July 8, 1949	20	4
	Wells, Walter Henzler, Jr	Naval Reserve	*S*	June 28, 1949	18	5
	Welsh, James Carter	Nevada	*R*	June 20, 1949	18	1
	Westermeier, James Taylor	Illinois	*S*	July 18, 1949	18	3
	Westmoreland, Ralph Miller	Navy	*S*	June 29, 1949	19	5
	Weymouth, Chester Eugene, Jr	do.[1]	*R*	Aug. 17, 1949	19	2
	Whalen, Ronald Dewey	do	*R*	Oct. 14, 1949	20	7
	Whigham, Winston Eugene	Georgia	*C*	June 29, 1949	18	8
	Whitaker, Lynn Ray	Oklahoma	*C*	July 30, 1949	19	2
	Whitcomb, Richard Arthur	Presidential	*R*	June 21, 1949	18	11
	White, Charles Edward	Oregon	*S*	July 13, 1949	18	0
	White, Frank Leon	California	*S*	do	18	5
	White, Robert Wesley	do	*S*	June 18, 1949	20	6
	Whittemore, Albert Burton	Naval Reserve	*R*	June 23, 1949	18	11
	Will, Otto William	do	*S*	July 13, 1949	18	1
	Willenbrink, James Frederick	Kentucky	*C*	June 17, 1949	19	7
	Willett, Frank Wilson	Massachusetts	*R*	June 29, 1949	17	11
	Willever, Edward Leigh	New Jersey	*S*	July 12, 1949	19	1
	Williams, John Arthur	Navy	*R*	June 16, 1949	22	0
	Williams, Louis Arthur, Jr	Naval Reserve	*R*	June 22, 1949	19	4
	Williams, Raymond Lee	Louisiana	*C*	July 30, 1949	20	0
	Williams, Rex Moody	Navy	*R*	June 15, 1949	20	0
	Williams, Robert William	do	*S*	June 16, 1949	22	8
	Wilner, Jack David	Pennsylvania	*C*	Aug. 3, 1949	19	4
	Wilson, Glenn Alfred	do	*C*	June 21, 1949	19	9
	Wilson, Harris Flanigan	Navy	*S*	June 22, 1949	22	6
	Wilson, Jack Llewellyn	Colorado	*C*	July 13, 1949	19	4
	Wilson, Vaughn Edgar, Jr	Texas	*C*	July 8, 1949	19	10
1	Winn, Jack Robert	Oklahoma	*R*	June 20, 1949	20	1
	Wise, Peyton Randolph, II	California	*S*	July 2, 1949	17	9
	Wise, Richard Sperling	Illinois	*S*	June 22, 1949	17	9
b 18	Wiseman, Hobart Joe	Ohio	*C*	Aug. 24, 1949	21	1
	Wolcott, Frank Bliss, III	Pennsylvania	*S*	July 8, 1949	18	2
	Wolke, Victor Bengt Christopher	Naval Reserve	*S*	June 22, 1949	19	3
1	Wood, Charles Donald	New Jersey	*S*	June 20, 1949	20	1
	Wood, Edgar Kindrell, Jr	Georgia	*C*	June 30, 1949	19	2
	Wood, John Perry	West Virginia	*S*	July 20, 1949	18	0
1	Wood, Richard Allen	Navy	*S*	June 15, 1949	19	3
	Woodrow, Fitz William McMaster, Jr.	Naval Reserve	*R*	July 18, 1949	19	7
	Woods, Robert Clair	Minnesota	*C*	July 23, 1949	18	8
	Woodworth, Edward Patterson	Presidential	*S*	Aug. 3, 1949	18	0
	Woolley, Herbert Thomas	Naval Reserve	*R*	June 22, 1949	18	6
	Worth, Edward Reed	NROTC	*S*	June 21, 1949	18	8
	Wright, James Donald	Kentucky	*S*	June 22, 1949	18	11
	Wright, Kenneth Lorne, Jr	Michigan	*R*	June 20, 1949	20	2
	Wright, Richard Taliaferro	New York	*S*	June 30, 1949	17	5
	Wuebbens, Everett Peter, Jr	Presidential	*S*	July 7, 1949	18	5
	Yoshihara, Takeshi	Washington	*S*	July 13, 1949	18	2
b	Young, David Bryan, Jr	Presidential	*R*	Aug. 25, 1949	21	5
	Young, Joseph Alexander	Navy	*R*	June 15, 1949	22	11

[1] Charged to quota from Naval Reserve.

Class of 1953 (1,164) members—Continued

Symbol (see p. 29)	Name	Appointed from (see p. 107)	Method of qualifying scholastically (see p. 107)	Date of admission	Age at date of admission	
					Years	Months
	Young, Thomas Gary	Montana	*S*	June 25, 1949	18	4
	Youngjohns, Richard Paxson	Presidential	*S*	June 21, 1949	18	5
	Youse, James Arthur	Ohio	*R*	June 20, 1949	17	9
	Zahn, Raymond Charles	Kansas	*S*	June 30, 1949	18	7
	Zebrowski, Joseph Peter	New Jersey	*C*	Aug. 3, 1949	21	3
	Zellmer, Milton Edward Leonard	Navy	*S*	June 16, 1949	18	1
	Zimolzak, Frank	Pennsylvania	*S*	June 20. 1949	22	1
1	Ziogas, Vincent Paul	Marine Corps	*R*	July 16, 1949	22	10
	Zirps, Christos	New York	*C*	June 17, 1949	19	6
	Zwieker, Ralph Lathrope	Presidential	*R*	June 21, 1949	20	0

NOTE: The total admissions from the Regular Navy and Naval Reserve quotas exceeded those quotas. This was due to the admission of replacements to fill vacancies created by separations prior to the beginning of the Academic year.

DEATHS, RESIGNATIONS, ETC.

Sept. 23, 1948, to and including Sept. 21, 1949

DIED

Name	Class	Date of death
Martinelli, Richard Alfred	1950	July 18, 1949

DISMISSED

None

DROPPED

None

DISCHARGED

Symbol (see p. 29)	Name	Class	Date discharged
6	Nicholas, Murtha Charles	1952	Feb. 11, 1949

HONORABLY DISCHARGED

Symbol (see p. 29)	Name	Class	Date discharged
9	Alger, Shirley Knott	1952	Mar. 25, 1949
4†	Ballou, Charles Davison	1951	June 4, 1949
2	Beahm, Jack Royce	1953	Sept. 15, 1949
9	Behnke, Gene Arnold	1952	Mar. 11, 1949
4	Bell, Donald Robert	1952	June 4, 1949
4	Bisselle, Robert Ashford	1950	Do.
4	Bradley, Jules David	1952	Do.
2	Brewer, Robert Castner	1953	July 28, 1949
4	Burgess, Joe Roy O'Neal	1950	June 4, 1949
4	Campbell, James Michael	1952	Do.
4	Carnes, Thomas Steve, III	1951	Feb. 10, 1949
4	Carter, Philip Mack	1952	Feb. 11, 1949
9†	Carter, Robert Dalton	1952	Mar. 11, 1949
12	Cecchini, Albert Livio	1949	June 3, 1949
4	Chandler, Earl Franklin, Jr	1952	Feb. 11, 1949

HONORABLY DISCHARGED—Continued

Symbol (see p. 29)	Name	Class	Date discharged
9	Clark, Bryan Clay, Jr	1952	Mar. 11, 1949
9†	Cook, Jesse Strother, III	1952	Do.
2	Corderman, Allan Benjamin	1951	Jan. 14, 1949
4	Cotton, Bill Duane	1952	June 4, 1949
4	Crouch, William Thomas, Jr	1952	Feb. 11, 1949
9	Crowley, Donald Alan	1952	Mar. 11, 1949
2	Dennett, William Alexander	1949	Oct. 12, 1948
9	Dickelmann, John Michael	1952	Mar. 11, 1949
2	Donaldson, John Weber	1950	Sept. 6, 1949
4	Donovan, Richard Edwin	1951	June 4, 1949
12	Duvall, Gordon Grant	1949	June 3, 1949
9	Edwards, Julian Burriss, Jr	1951	Aug. 25, 1949
9	Fenick, Michael John	1952	Mar. 11, 1949
4	Ferguson, Harry Lee, III	1952	Feb. 11, 1949
9	Florestano, Ernest James	1952	Mar. 11, 1949
4	Fuller, Robert John	1952	Feb. 11, 1949
2	Funk, Rabey James	1952	Apr. 6, 1949
9	Gahn, Dennis Brian	1952	Mar. 11, 1949
12	Garrison, Paul Adams	1949	July 1, 1949
9	Goelzer, Richard Wayne	1952	Mar. 11, 1949
9	Graham, James Rodney, Jr	1952	Do.
2	Gribb, John	1952	Dec. 13, 1948
4	Haggett, Arthur Raymond, Jr	1951	June 4, 1949
4	Haines, Frederick Sidney, III	1952	Feb. 11, 1949
2	Harrington. Lester Garth	1952	July 28, 1949
4	Hicks, Edward Harold, Jr	1952	June 4, 1949
9	Hooker, Walter Joe	1950	June 30, 1949
4	Howard, Jimmie Lee	1952	Feb. 11, 1949
4	Jacobs, Jesse Martin	1950	June 4, 1949
2	Karsatos, James Gust	1953	Aug. 29, 1949
4†	Keefe, Thomas Joseph, Jr	1951	Feb. 10, 1949
4	Keifert, Darrell Clinton	1952	June 4, 1949
4	Keller, Walter Smith, Jr	1951	Feb. 10, 1949
12	King, Archer Emmet, III	1949	Sept. 2, 1949
4	King, Jack Preston	1952	Feb. 11, 1949
4	Lane, Frank Will	1952	Do.
4	Larom, Henry Nash	1952	Do.
2	Larsen, William Washington, III	1952	Jan. 11, 1949
4	Lewis, William Sheridan	1951	Feb. 10, 1949
9	MacLean, John Ewing	1952	Mar. 11, 1949
9	Macomber, Michael Dimitri	1952	Do.
4	Maher, John Wallace, III	1951	Feb. 10, 1949
9	Marchel, Jacob Corman	1952	Mar. 11, 1949
9†	Martin, William Donald, Jr	1952	Do.
4	McLafferty, Francis Richard	1952	June 4, 1949
2	Meder, John O'Connor, Jr	1952	June 3, 1949
12	Meloy, Charles Furlong	1949	Do.
12	Morgan, Hal McNamee	1949	July 29, 1949

HONORABLY DISCHARGED—Continued

Symbol (see p. 29)	Name	Class	Date discharged
2	Morris, James Allen	1950	Aug. 12, 1949
4	Murray, Thomas Francis	1952	June 4, 1949
9	Myres, Harry Armand	1952	Mar. 11, 1949
4†	Nelson, George Edwin, Jr	1952	Feb. 11, 1949
2	Olsen, Oscar Ernest	1949	May 9, 1949
4	O'Neill, Paul Xavier	1952	Feb. 11, 1949
4	Osterhout, Robert William	1952	June 4, 1949
4	Peace, Daniel James, III	1952	Feb. 11, 1949
4	Peterson, Rodney Ralph	1951	Feb. 10, 1949
4	Pracht, David Deloe	1951	Do.
4	Pugh, Richard Phillip	1951	June 4, 1949
4	Ragsdale, William Hubert	1952	Feb. 11, 1949
9	Rath, Thomas John	1952	Mar. 11, 1949
9	Rittenhouse, John Olmstead, Jr	1952	Do.
4	Rowe, Robert Hetsley	1952	Feb. 11, 1949
9	Scanlan, William Henry	1952	Mar. 11, 1949
4	Schultz, Frank, Jr	1952	June 4, 1949
4	Settle, Charles Walsh	1951	Do.
2	Shimanek, Richard Glade	1952	July 28, 1949
4	Shoemaker, Thomas Coe	1952	June 4, 1949
2	Siegel, Raymond Earle, Jr	1951	Nov. 3, 1948
12	Singleton, Rodric Montgomery	1949	June 3, 1949
4†	Smith, Donald Byron	1952	Feb. 11, 1949
12	Smith, Earl William, Jr	1949	June 3, 1949
4	Stewart, William Bullock, Jr	1950	Feb. 10, 1949
4	Suarez, Luis Guillermo	1951	Do.
4	Taylhardat, Rafael Augusto	1951	June 4, 1949
9†	Thompson, Arthur Robert, Jr	1951	Mar. 11, 1949
4	Thornton, Reuben Thomas, III	1952	Feb. 11, 1949
9	Torruella, Antonio Ramon	1951	Aug. 26, 1949
4	Trafficante, Vincent Charles	1952	Feb. 11, 1949
4	Tullett, Jack Edgar	1952	June 4, 1949
4	Vallee, Thomas Frederick	1951	Feb. 10, 1949
9	Waid, Robert Teese, Jr	1952	Mar. 11, 1949
4†	Wakeman, Curtiss Onley	1951	Feb. 10, 1949
4†	Ward, Benjamin Porter, Jr	1952	Feb. 11, 1949
4	Watts, Philip Gregg	1951	June 4, 1949
2	Weber, Walter Louis	1951	Aug. 18, 1949
4	Wilson, Raymond Gerald	1952	June 4, 1949
9	Winge, Jimmie Marvin	1952	Mar. 11, 1949
9	Winkler, Lawrence	1952	Do.
9†	Wiseman, Hobart Joe	1951	Do.
4	Woodward, John Richard, III	1952	Feb. 11, 1949
9	Worthington, Carroll Richard	1951	Mar. 11, 1949
9†	Young, David Bryan, Jr	1952	Do.

RESIGNED

Symbol (see p. 29)	Name	Class	Date resigned
1	Angeloff, Carl	1953	July 5, 1949
1	Ames, Lloyd Leroy, Jr	1952	June 10, 1949
1	Anderson, Leon Simon	1952	Feb. 14, 1949
1	Barnes, Arthur Dayton, Jr	1950	Feb. 7, 1949
1	Barrett, Richard "H"	1953	Aug. 13, 1949
1	Barrett, Robert Lee	1952	Jan. 28, 1949
1	Bates, Robert Donald	1952	Feb. 1, 1949
1	Bienvenu, David Mark	1953	July 13, 1949
1	Bossen, David August	1950	Apr. 22, 1949
1	Brown, Fred Eugene	1952	Mar. 1, 1949
1	Buck, Carl Matthew, Jr	1950	Feb. 11, 1949
1	Buckstaff, Sinclair	1951	Sept. 12, 1949
1	Carpenter, Albert Wesley	1952	Dec. 2, 1948
1	Clinton, James Robert	1953	Aug. 15, 1949
3	Coleman, Townsend Putnam, Jr	1952	Mar. 1, 1949
1	Cooper, Thomas Lee	1951	June 10, 1949
1	Davis, Edward Eugene	1952	Nov. 4, 1948
1	Davis, Lloyd Robert	1950	May 31, 1949
1	Davis, Philip Carroll, Jr	1952	Jan. 19, 1949
1	Delaney, Joseph Martin, Jr	1952	Dec. 7, 1948
1	Denny, Harry James	1953	Sept. 7, 1949
1	Dickerson, William Joseph	1950	June 4, 1949
1	Duncan, Alfred Grady, Jr	1950	June 3, 1949
13	Fenno, Eric Neil	1949	Do.
1	Finck, Edward Reinhold, Jr	1951	June 2, 1949
1	Fodor, Richard Louis	1951	Oct. 7, 1948
1	Goode, Neomiah Eugene, Jr	1952	May 13, 1949
1	Gordon, Theodore James, Jr	1953	Aug. 17, 1949
11	Grant, William Clayton, Jr	1949	Apr. 26, 1949
1	Griffiths, James Ralph	1953	Aug. 8, 1949
1	Hatfield, Richard Cecil	1953	July 20, 1949
1	Heard, John Adrian	1950	Jan. 3, 1949
1	Hillis, David Lea	1951	June 20, 1949
1	Hine, Robert Edmond	1952	Aug. 8, 1949
1	Hoffman, Eugene Ray	1952	May 25, 1949
1	Hortman, Richard Truitte	1951	June 1, 1949
1	Houser, Franklin Caldwell, Jr	1950	Feb. 7, 1949
1	Jorgenson, Glenn "A"	1953	Sept. 1, 1949
1	Kamienski, Richard Joseph	1952	Feb. 24, 1949
1	Kinder, William Randall, Jr	1953	Sept. 19, 1949
1	Klein, Eugene George, Jr	1952	Feb. 2, 1949
1	Knight, Robert Harold	1952	June 10, 1949
1	Krill, William Barrett	1950	Feb. 3, 1949
1	Lambert, Phillip Edward	1952	Jan. 18, 1949
1	Larson, Paul Delbert	1953	Aug. 5, 1949
1	Levy, Ira	1953	Aug. 22, 1949
1	Lewis, Robert Dean	1952	Feb. 7, 1949
1	Little, Curtis Elmore	1952	Nov. 19, 1948

RESIGNED—Continued

Symbol (see p. 29)	Name	Class	Date resigned
3	Lohman, William Douglas, Jr	1952	Feb. 1, 1949
1	Mason, Robert Elmer, Jr	1951	Feb. 3, 1949
1	McAuliffe, Donald Francis	1952	Nov. 4, 1948
1	McCormick, Perry Lee	1952	Oct. 28, 1948
1	McCully, Alvin Charles	1950	Jan. 29, 1949
1	McGuane, Allan	1952	Feb. 3, 1949
1	Miller, Richard Dabney	1953	Aug. 12, 1949
1	Mintz, Milton John	1952	Feb. 3, 1949
1	Moffitt, Thomas David, Jr	1952	Mar. 1, 1949
1	Money, William Clifford	1952	Jan. 18, 1949
3	Montgomery, Daniel	1952	Feb. 7, 1949
1	O'Connor, Roger Edward	1951	Dec. 7, 1948
1	Pagane, Frank Daniel, Jr	1952	Sept. 27, 1948
1	Pendleton, John Emerson, Jr	1952	Feb. 21, 1949
1	Peterson, Arthur Superior, Jr	1953	Sept. 14, 1949
1	Pressler, James William	1952	Jan. 17, 1949
1	Pringle, Alan Dale	1952	Mar. 11, 1949
11	Prior, Boyd Thelman	1951	May 10, 1949
1	Rakowsky, Rudolph	1950	Nov. 10, 1948
1	Rossie, Richard Lee	1953	Aug. 29, 1949
11	Russell, Robert Lee	1951	May 10, 1949
1	Sager, Gene Gustav	1952	Jan. 28, 1949
1	Sailor, Chester Lyall	1951	June 3, 1949
1	Schuneman, LaVerne Lloyd	1953	Aug. 17, 1949
3	Seybert, Joseph DeWitt, Jr	1951	Jan. 29, 1949
1	Seymour, William Lester	1951	June 2, 1949
1	Sims, Leonard Francis, Jr	1952	Feb. 17, 1949
1	Smith, Rodric Mar	1952	Jan. 19, 1949
1	Snider, Alfred Ernest	1951	July 22, 1949
1	Stevenson, John Barnt	1952	Jan. 13, 1949
1	Strong, John William	1952	Apr. 8, 1949
1	Taylor, Philip Winne	1951	Jan. 29, 1949
1	Tobin, David LeRoy	1950	Feb. 3, 1949
1	Turnbaugh, James DeMitt, Jr	1952	Jan. 18, 1949
1	Welch, James Francis	1952	Jan. 28, 1949
3	Whiteside, James Benjamin	1952	Feb. 24, 1949
1	Wiczynski, Robert Clemens	1952	Oct. 28, 1948
1	Wilhelm, Paul Edward	1952	Nov. 29, 1948
1	Winn, Jack Robert	1953	Sept. 1, 1949
1	Wood, Charles Donald	1953	June 27, 1949
1	Wood, Dempsey Dale	1952	Nov. 15, 1948
1	Wood, Richard Allen	1953	Aug. 8, 1949
1	Yurth, William	1952	Oct. 18, 1948
1	Ziogas, Vincent Paul	1953	Sept. 1, 1949

RETAINED IN CLASSES INDICATED

Symbol (see p. 29)	Name	Class to which turned back	Date turned back
5	Andersen, Haakon Roy	1952	Feb. 11, 1949
10	Baldinger, James David	1953	Mar. 11, 1949
10 1	Barrett, Richard "H"	1953	Do.
14	Bennett, Charles Franklin	1953	June 4, 1949
5	Benson, Charles Noyer	1953	Feb. 11, 1949
16	Boundy, Kenneth Ashburner	1953	June 30, 1949
10	Bovay, Norman James	1952	Mar. 11, 1949
14	Brady, Francis Thomas	1953	June 4, 1949
16	Braun, Daniel Frederick	1953	June 30, 1949
10	Buck, Robert Eugene	1952	Mar. 11, 1949
10	Burcham, Enis Volney, Jr	1953	Do.
15	Calabrese, William Chisholm	1953	June 4, 1949
10	Davison, David Dunham	1952	Mar. 11, 1949
10	Dawson, William Allen	1952	Do.
10 1	Denny, Harry James	1953	Do.
16	Farrar, Richard Ray	1953	Aug. 25, 1949
10	Haigh, Alfred Douglas, Jr	1952	Mar. 11, 1949
5	Jones, Vincent William, Jr	1953	Feb. 11, 1949
14	Kellam, Frank Milton, Jr	1953	June 4, 1949
10	Keyte, Edward Lyon, Jr	1953	Mar. 11, 1949
10	Lang, David Wall	1952	Do.
5	Madigan, James Alonzo	1952	Feb. 11, 1949
16	McCampbell, John Donald, Jr	1953	June 30, 1949
10	McCowan, Robert Conrad	1953	Mar. 11, 1949
5 1	Moffitt, Thomas David, Jr	1952	Feb. 11, 1949
10	Moore, William Minges	1953	Mar. 11, 1949
5	Muth, Robert Walker	1951	Feb. 11, 1949
10	Porter, Donald Jack	1953	Mar. 11, 1949
16	Ross, Ray Meredith	1953	Aug. 25, 1949
16 1	Rossie, Richard Lee	1953	June 30, 1949
5 1	Sailor, Chester Lyall	1951	Feb. 11, 1949
16	Satterwhite, Hugh Conway, Jr	1953	Aug. 25, 1949
16	Schaffrath, Henry George, Jr	1953	Do.
10	Scheu, Lawrence Daniel, Jr	1953	Mar. 11, 1949
10	Severin, Clarence Andrew, Jr	1953	Do.
16	Spanagel, Herman Adolph, Jr	1953	June 30, 1949
10	Stice, Ray Bickmore	1953	Mar. 11, 1949
5	Stolle, Thomas Joseph	1952	Feb. 11, 1949
10	Studebaker, Clayton Albert	1953	Mar. 11, 1949
10	Tonkin, Norman Mande	1951	Do.
10	Weber, Robert Redmond	1953	Do.

ADVANCED

Symbol (see p. 29)	Name	Class to which advanced	Date advanced
18	Ballou, Charles Davison	1952	Aug. 29, 1949
18	Carlisle, David Rigby	1952	Sept. 1, 1949
18	Keefe, Thomas Joseph, Jr	1952	Do.
18	Thompson, Arthur Robert, Jr	1952	Do.
18	Wakeman, Curtiss Onley	1952	Aug. 29, 1949
18	Wiseman, Hobart Joe	1952	Do.

RECAPITULATION OF MEMBERSHIP AND SEPARATIONS, ACADEMIC YEAR 1948–49

Sept. 23, 1948, to and including Sept. 21, 1949

MEMBERSHIP

	First class (1949)	Second class (1950)	Third class (1951)	Fourth class (1952)
Membership at beginning of fall term, academic year 1948–49	794	718	803	[1] 1,027
Turned back into class during academic year 1948–49			3	10
Ex-midshipmen readmitted with class of 1953 and advanced to class of 1952				6
Total	794	718	806	1,043

[1] This membership includes the maximum enrollment of the fourth class.

SEPARATIONS

	First class (1949)	Second class (1950)	Third class (1951)	Fourth class (1952)	Total
Advanced	0	0	0	6	6
Died	0	1	0	0	1
Discharged	0	0	0	1	1
Honorably discharged:					
Academic deficiencies	0	5	22	57	84
Physically disqualified	2	2	3	6	13
Turned back:					
Academic deficiencies	0	3	10	27	40
Illness	0	0	0	1	1
Resignations:					
Conduct	1	0	2	0	3
Voluntary	0	12	13	57	82
Voluntary; also deficient in studies	0	0	0	3	3
Total	3	23	50	158	234

SUMMARY OF MIDSHIPMEN AT UNITED STATES NAVAL ACADEMY AT BEGINNING OF ACADEMIC YEAR 1949–50

The academic year 1949–50 began immediately after the end of the preceding academic year. In order to include the Class of 1953 the membership at the beginning of the first term (Sept. 22, 1949) is given.

Class of 1949	[1] 1
First class (class of 1950)	695
Second class (class of 1951)	756
Third class (class of 1952	885
Fourth class (class of 1953)	[2] 1, 131
Total	3, 468

[1] Patient U. S. Naval Hospital, St. Albans, N. Y.
[2] Includes 3 midshipmen admitted Sept. 23, 1949.

MIDSHIPMAN CRUISES AND OTHER PRACTICAL INSTRUCTION

SUMMER TERM—1949

(First and Third Classes)

The midshipmen of the first and third classes were assigned to the following ships of Task Force 61: The battleship U. S. S. *Missouri;* destroyer division 81 consisting of the U. S. S. *New,* U. S. S. *Holder,* U. S. S. *Rich,* U. S. S. *R. L. Wilson,* and U. S. S. *Damato* and mine division 2 consisting of the U. S. S. *Shannon,* U. S. S. *T. E. Fraser,* U. S. S. *H. F. Bauer* and U. S. S. *Shea.* *(For purposes of annual leave, recreational athletics and instruction at the Naval Academy, and cruise practical instruction, the midshipmen of the first and third classes were divided into two groups. During the period that a group was not embarked in cruise ships, that group followed a schedule of annual leave, recreational athletics and drills in seamanship, navigation, gunnery and engineering. Submarine indoctrination periods of 3 days' duration were also conducted for first classmen in the Chesapeake Bay—Southern Drill Grounds Area on board submarines based at the Naval Academy.)*

The itineraries of Task Force 61 were as follows:

FIRST CRUISE

Arrival			*Departure*	
		Annapolis, Md	June	4
June	4	Hampton Roads, Va	June	6
June	17	Portsmouth, England	June	25
July	8	Guantanamo, Cuba	July	20
		(Conduct gunnery exercises and underway training.)		
July	25	Hampton Roads, Va	July	26
July	26	Annapolis, Md		

SECOND CRUISE

		Annapolis, Md	Aug	2
Aug.	2	Hampton Roads, Va	Aug.	3
Aug.	15	Cherbourg, France	Aug.	22
Sept.	4	Guantanamo, Cuba	Sept.	16
		(Conduct gunnery exercises and underway training.)		
Sept.	21	Hampton Roads, Va	Sept.	22
Sept.	22	Annapolis, Md		

NAVAL ACADEMY PERIODS, FIRST AND THIRD CLASSES

June 4–June 18 (for those making the second cruise)
July 26–Aug. 13 (for those making the first cruise)

ANNUAL LEAVE PERIODS, FIRST AND THIRD CLASSES

June 18–July 28 (for those making the second cruise)
Aug. 13–Sept. 22 (for those making the first cruise)

JOINT SUMMER TRAINING, U. S. MILITARY ACADEMY

At the invitation of the U. S. Military Academy and in order to provide an additional measure of common training experience for West Point Cadets and Midshipmen a group of 64 midshipmen of the third class (Class of 1952), participated in the summer training program for cadets at Camp Buckner, U. S. Military Academy, during the period from 29 July to 11 August 1949.

(Second Class)

Midshipmen of the second class were divided into four battalions for the summer program. Their participation in carrier cruises, air cruises, and CAMID, is shown by the following:

FIRST CARRIER CRUISE

(First and second battalions)

U. S. S. *Leyte* (CV–32)

Arrival		*Departure*
	Annapolis, Md	June 24
June 24	Norfolk, Va	June 27
July 2	New York, N. Y	July 5
July 8	Norfolk, Va	July 9
July 9	Annapolis, Md	

SECOND CARRIER CRUISE

(Third and fourth battalions)

U. S. S. *Leyte* (CV–32)

	Annapolis, Md	July 22
July 22	Norfolk, Va	July 25
July 29	New York, N. Y	Aug. 1
Aug. 6	Norfolk, Va	
	(Disembark for CAMID IV.)	

CAMID IV

(Third and fourth battalions)

Joint Amphibious Training at Little Creek, Va., with cadets of the Second Class from the U. S. Military Academy

Aug. 6	Little Creek, Va	Aug. 22
Aug. 23	Annapolis, Md	

AIR CRUISES

For the first time in Naval Academy history, midshipmen of the second class participated in continental air cruises of the United States. Four air cruises were given during the summer, each carrying approximately 190 midshipmen. Planes used were the JRM MARS, the R60 Constitution, and R5D Skymasters. Each cruise of 190 midshipmen was divided into two groups of approximately 95 each. Each cruise was conducted so as to permit the midshipmen to fly in land and seaplanes; approximately an equal amount of time being spent in each type.

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Itineraries of all the air cruises were varied to provide the maximum diversity possible.

Air cruise itineraries were as follows:

First	June 6 to June 23.
Second	July 12 to July 30.
Third	Aug. 24 to Sept. 7.
Fourth	Sept. 8 to Sept. 21.

Sample itinerary—air cruise No. 2, July 12–July 30

Group 2A (95 midshipmen)

Arrival	*Place*	*Departure*	*Aircraft*
	Annapolis, Md	12 July	JRM
12 July	Patuxent River, Md	12 July	R60
12 July	Memphis, Tenn	13 July	R60
13 July	Seattle, Wash	15 July	R60
15 July	San Diego, Calif	19 July	R60
19 July	Dallas, Tex	20 July	R60
20 July	Pensacola, Fla	24 July	JRM
24 July	Miami, Fla	26 July	JRM
26 July	Jacksonville, Fla	28 July	JRM
28 July	Floyd Bennett Field, N. Y	30 July	JRM
30 July	Patuxent River, Md	30 July	JRM
30 July	Annapolis, Md		

Group 2B (95 midshipmen)

	Annapolis, Md	12 July	JRM
12 July	Patuxent River, Md	12 July	JRM
12 July	Floyd Bennett Field, N. Y	13 July	JRM
13 July	Quonset Point, R. I	15 July	JRM
15 July	Jacksonville, Fla	17 July	JRM
17 July	Pensacola, Fla	21 July	R60
21 July	Moffett Field, Calif	25 July	R60
25 July	St. Louis, Mo	26 July	R60
26 July	Grosse Ile, Mich	28 July	R60
28 July	Minneapolis, Minn	30 July	R60
30 July	Patuxent River, Md	30 July	JRM
30 July	Annapolis, Md		

In addition to those listed above, the following places were visited during the summer by the midshipmen on Air Cruises:

Corpus Christi, Tex.	Olathe, Kans.
Denver, Colo.	Miami, Fla.
Glenview, Ill.	New Orleans, La.

PARTIAL LIST OF PRIZES AND AWARDS AWARDED MIDSHIPMEN DURING ACADEMIC YEAR 1948–49

Name of prize	Awarded for—	Recipient
Secretary of the Navy's rifle trophy	Proficiency in the use of the service carbine	James Douglas Butler, class of 1949.
Secretary of the Navy's pistol trophy	Awarded to foremost pistol shot of graduating class.	Edgar Arthur Rawsthorne, class of 1949.
Naval Academy medals	Excellence in small arms target practice:	
	First prize (gold medal)	William White McCreedy, class of 1950.
	Second prize (silver medal), 2 winners	Allan Kenzie Cameron, Jr., class of 1950.
		James Irwin Wilson, class of 1950.
	Third prize (bronze medal)	Thomas William Robinson, Jr., class of 1950.
Commendatory letters	Having demonstrated outstanding officer-like qualities, and contributing most by precept and example to the development of these qualities within the brigade.	John Curtis Barrow, class of 1949.
		Dennis Carothers Stanfill, class of 1949.
		Ralph Pete Williams, class of 1949.
		Milton Nicholas Allen, class of 1949.
		Lionel MacLean Noel, class of 1949.
		Elias Venning, Jr., class of 1949.
		Herman Willoughby Jones, class of 1949.
		Edward Samuel Briggs, class of 1949.
		Richard Cedric Clinite, class of 1949.
		William George Lalor, Jr., class of 1949.
		James Vernon Haley, class of 1949.
		Harry Edward Baumgarten, Jr., class of 1949.

Name of prize	Awarded for—	Recipient
Commendatory letters—Continued		Wesley Elvin Lindsey, Jr., class of 1949. George Magnus Benas, Jr., class of 1949. Kenneth Monroe Carr, class of 1949. Robert Bidle Wisherd, class of 1949. Thomas Joseph Walters, class of 1949. Allen Horace Balch, class of 1949. Reynolds Beckwith, class of 1949. Robert Leo Lawler, Jr., class of 1949. Stanley Thomas Counts, class of 1949. Donald Asa Smith, class of 1949. Robert Crawford James, class of 1949. Henry Payne Forbes, class of 1949. Harry Wayne Morgan, Jr., class of 1949. William Dale Bassett, Jr., class of 1949. Theophil Paul Riegert, class of 1949.
The class of 1871, U. S. Naval Academy	Proficiency in practical and theoretical ordnance and gunnery.	Thomas Joseph Walters, class of 1949.
The class of 1879, U. S. Naval Academy	To the final brigade commander in recognition of outstanding leadership within the brigade.	John Curtis Barrow, class of 1949.
The class of 1897, U. S. Naval Academy (name also inscribed on the class of 1897 cup).	Having contributed most by his officerlike qualities and positive character to the development of naval spirit and loyalty within the brigade.	Dennis Carothers Stanfill, class of 1949.
The class of 1912, U. S. Naval Academy	Proficiency in English	John Frank Leyerle, class of 1949.
The class of 1924, U. S. Naval Academy	Proficiency in marine engineering	Lionel MacLean Noel, class of 1949.
The General Society Sons of the Revolution	Proficiency in practical ordnance and gunnery.	Lionel MacLean Noel, class of 1949.

The National Society Daughters of the American Revolution.	Proficiency in seamanship	Thomas Joseph Walters, class of 1949.
The United Daughters of the Confederacy	Proficiency in physics	Rudolph Walter Pysz, class of 1951.
The Military Order of Foreign Wars	Proficiency in mathematics	Lionel MacLean Noel, class of 1949.
The National Society United States Daughters of 1812.	Proficiency in electrical engineering	William Littell Bryan, class of 1949.
The Colonial Daughters of the Seventeenth Century.	Proficiency in history	Stephen Alexander Gilles, class of 1949.
The National Woman's Relief Corps, Auxiliary to the Grand Army of the Republic.	Proficiency in "Rules of the Road"	Thomas Joseph Walters, class of 1949.
The Naval Order of the United States	World history contest:	
	Senior contest:	
	First prize	Harry Joseph Donahue, class of 1949.
	Second prize	Frank Stuart Beal, III, class of 1950.
	Junior contest	David Mattson Attwegg, class of 1952.
The American Legion National Organization	Proficiency in United States foreign policy	William David Shaughnessy, class of 1951.
The National Encampment of the Veterans of Foreign Wars of the United States.	Graduating at the head of his class for the course.	Lionel MacLean Noel, class of 1949.
The Ladies Auxiliary to the Veterans of Foreign Wars.	Showing greatest improvement in weighted average mark for the course over that of fourth class year.	Edward Lane Alderman, class of 1949.
The Military Order of the World Wars	Showing greatest improvement in weighted average mark of the last year of the course over that of the combined first 2 years of the course.	Edward Lane Alderman, class of 1949.
The Fleet Reserve Association	Proficiency in conduct and aptitude	John Curtis Barrow, class of 1949.
The National Society Daughters of Founders and Patriots of America.	Proficiency in practical and theoretical navigation.	William Littell Bryan, class of 1949.
U. S. Naval Academy Forensic Activity	Public speaking contest (4 winners)	Jack Lee English, class of 1949. Robert Kenyon Ripley, class of 1949. Jerome William Gottesman, class of 1952. John Miller Kirk, class of 1950.

Name of prize	Awarded for	Recipient
Col. Robert M. Thompson	Proficiency in practical and theoretical navigation.	William Littell Bryan, class of 1949.
The Dr. Henry van Dyke	Submitting the best original article on any naval or equally patriotic subject.	Max Lee Gillam, Jr., class of 1949.
The Lt. Comdr. Gardner L. Caskey	Graduating at the head of his class for the course.	Lionel MacLean Noel, class of 1949.
The Commander James Edward Palmer	Showing the greatest improvement in the engineering course in marine engineering.	Harry Wayne Morgan, Jr., class of 1949.
The John Roach	Showing the greatest improvement in weighted average mark for first class year over that of second class year.	George Sprague Schuchart, class of 1949.
The James Sturgis Willis	Showing greatest improvement in weighted average mark, including aptitude and conduct, for first class year over that of fourth class year.	Edward Lane Alderman, class of 1949.
The Jack Cobb Moore	Proficiency in naval aviation	Robert Leo Lawler, Jr., class of 1949.
The United States Lines	Proficiency in foreign languages	John Emery Draim, class of 1949.
The American Bureau of Shipping	Proficiency in mechanical drawing and descriptive geometry.	John Emery Draim, class of 1949.
Admiral William S. Sims Memorial Award	Proficiency in leadership	Joseph Norman Kanevsky, class of 1949.
Armed Forces Communications Association	Proficiency in electronics	William Littell Bryan, class of 1949.
The Mac Short Award in Aviation	Marked interest and practical aptitude for a career as a naval aviator.	Leonard Frederick Vogt, Jr., class of 1949.
Col. Robert M. Thompson binoculars	First place in interclass sailing	George Kidder Derby, class of 1951.
Col. Robert M. Thompson spyglass. (Spyglass unobtainable—binoculars awarded.)	Second place in interclass sailing	Jack Eikel Baltar, class of 1949.
The Admiral DuBose Trophy	Proficiency in the handling of yawls	Marcus Alvin Zettel, class of 1949.
Naval Academy Athletic Association binoculars.	Proficiency in athletics	James Henry Leroy Chambers, Jr., class of 1949.

Naval Academy Athletic Association cup	Intercompany athletic competition	George Magnus Benas, Jr., class of 1949.
Thompson Trophy cup (name inscribed thereon).	Promotion of athletics	John Curtis Barrow, class of 1949.
The class of 1928, U. S. Naval Academy	His spirit and character while serving on the junior varsity squad in promoting football at the Naval Academy.	Valentine Hixson Schaeffer, Jr., class of 1949.
Harvard Shield (name of battalion engraved thereon).	Intramural athletic competition	Fourth Battalion.
Crenshaw cup (named inscribed thereon)	Being the coxswain of the 8-oared crew winning the greatest number of races during the year.	John Patrick Gartland, class of 1949.
Stuart Oxnard Miller memorial cup (name inscribed thereon).	Contributing most to the success of the lacrosse team.	James Henry Leroy Chambers, Jr., class of 1949.
Walling-Kimmel memorial cup (name inscribed thereon).	Contributing most to the success of the tennis team.	Leonard Frederick Vogt, Jr., class of 1949.
Lysistrata challenge cup	Awarded to the Fourth Class Battalion winning the pulling whaleboat race in the summer competition in Fourth Class Summer (winning battalion to be inscribed on cup).	First Battalion.

○

NAVPERS 15,022

COURSE OF INSTRUCTION

AT THE

UNITED STATES NAVAL ACADEMY

ANNAPOLIS, MD.

THE ONE HUNDRED AND FIFTH ACADEMIC YEAR

1949–1950

UNITED STATES
GOVERNMENT PRINTING OFFICE
WASHINGTON : 1950

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FOREWORD

THE United States Naval Academy is maintained by the Government, under the immediate supervision of the Bureau of Naval Personnel of the Navy Department, for the education, at the 4-year collegiate undergraduate level, and training of young men for commissioned service in the United States Navy. The students at this institution have the rank of midshipman in the United States Navy, and are granted the degree of Bachelor of Science upon graduation. The mission of the Naval Academy is as follows:

Through study and practical instruction to provide the midshipmen with a basic education and knowledge of the naval profession; to develop them morally, mentally, and physically; and by precept and example to indoctrinate them with the highest ideals of duty, honor, and loyalty; in order that the naval service may be provided with graduates who are capable junior officers in whom have been developed the capacity and foundations for future development in mind and character leading toward a readiness to assume the highest responsibilities of citizenship and government.

SUMMER SCHEDULE, 1949, FOR MIDSHIPMEN OF THE FOURTH CLASS

ROUTINE FROM 18 JUNE TO 26 JUNE (1 WEEK)

Periods		1	2	3	4	5	6*	7	Evening
Day	Battalion	0745 to 0845	0845 to 0945	1000 to 1100	1100 to 1200	1310 to 1410	1430 to 1530	1530 to 1630	2000 to 2145
Monday	1	X	X	S	S		E	E	MOTION PICTURES
	2		T	E	E		X	X	
	3	S	S	‡LM	T		E	E	
	4	E	E	T		S	S	N	
Tuesday	1	E	E	‡LM	T		S	S	STUDY
	2	X	X	E	E		S	S	
	3		T	S	S	X	X	N	
	4	S	S	T		E	E		
Wednesday	1	X	X	E	E		T		MOTION PICTURES
	2	S	S	T		X	X		
	3	X	X		T	E	E		
	4		T	S	S	X	X		
Thursday	1	E	E	T		S	S		STUDY
	2	S	S		T	E	E	N	
	3	X	X	S	S	E	E		
	4	‡LM	T	E	E		X	X	
Friday	1		T	S	S	X	X	N	STUDY
	2	S	S	‡LM	T		E	E	
	3	E	E	T		S	S		
	4	X	X	E	E	S	S		
Saturday	1	XX	XX	X	X	R			
	2	XX	XX	X	X				
	3	X	X	XX	XX				
	4	X	X	XX	XX				
Sunday	1	CHAPEL SUNDAY ROUTINE				R			STUDY
	2								
	3								
	4								

‡See note 5 and 9.
*6th period starts at 1430 whenever the same subject is scheduled in 6th and 7th periods.
*6th period ends at 1510 whenever the same subject is scheduled in both the 5th and 6th periods.

ROUTINE FROM 27 JUNE TO 3 JULY (1 WEEK)

Periods		1	2	3	4	5	6*	7	Evening
Day	Battalion	0745 to 0845	0845 to 0945	1000 to 1100	1100 to 1200	1310 to 1410	1430 to 1530	1530 to 1630	2000 to 2145
Monday	1	O	O	O	O	O	O	O	MOTION PICTURES
	2	A	A	A	A		X	X	
		Note 11							
	3	S	S	‡LM	T		E	E	
	4	E	E	T		S	S	N	
Tuesday	1	E	E	‡LM	T		S	S	STUDY
	2	O	O	O	O	O	O	O	
	3	A	A	A	A	X	X	N	
		Note 11							
	4	S	S	T		E	E		
Wednesday	1	X	X	E	E		T		MOVING PICTURES
	2	S	S	T		X	X		
	3	X	X		T	E	E		
	4	‡LM	T	S	S	X	X		
Thursday	1	E	E	T		S	S		NOTE 1 STUDY
	2	S	S		T	E	E	N	
	3	O	O	O	O	O	O	O	
	4	A	A	A	A		X	X	
		Note 11							
Friday	1	A	A	A	A	X	X	N	STUDY
		Note 11							
	2	S	S	‡LM	T		E	E	
	3	E	E	T		S	S		
	4	O	O	O	O	O	O	O	
Saturday	1	Note 2	X	X	XX	XX	R		
	2		X	X	XX	XX			
	3		XX	XX	X	X			
	4		XX	XX	X	X			
Sunday	1	CHAPEL SUNDAY ROUTINE					R		STUDY
	2								
	3								
	4								

‡See note 5 and 9.
*6th period starts at 1430 whenever the same subject is scheduled in 6th and 7th periods.
*6th period ends at 1510 whenever the same subject is scheduled in both the 5th and 6th periods.

ROUTINE FROM 4 JULY TO 10 JULY (1 WEEK)

Periods		1	2	3	4	5	6*	7	Evening
Day	Battalion	0745 to 0845	0845 to 0945	1000 to 1100	1100 to 1200	1310 to 1410	1430 to 1530	1530 to 1630	2000 to 2145
Monday		HOLIDAY ROUTINE							MOVING PICTURES
Tuesday	1	E	E	‡LM	T		S	S	STUDY
	2	O	O	O	O	O	O	O	
	3	A	A	A	A	X	X	N	
			Note 11						
	4	S	S	T		E	E		
Wednesday	1	X	X	S	S		T		MOVING PICTURES
	2	A	A	A	A	E	E		
			Note 11						
	3	E	E		T	S	S		
	4	‡LM	T	E	E	X	X		
Thursday	1	E	E	T		S	S		NOTE 1 STUDY
	2	S	S		T	E	E	N	
	3	O	O	O	O	O	O	O	
	4	A	A	A	A		X	X	
			Note 11						
Friday	1	A	A	A	A	X	X	N	STUDY
			Note 11						
	2	S	S	‡LM	T		E	E	
	3	X	X	T		S	S		
	4	O	O	O	O	O	O	O	
Saturday	1	NOTE 2 XX	XX	X	X	R			
	2	XX	XX	X	X				
	3	X	X	XX	XX				
	4	X	X	XX	XX				
Sunday	1	CHAPEL SUNDAY ROUTINE				R			STUDY
	2								
	3								
	4								

‡ See notes 5 and 9.
*6th period starts at 1430 whenever the same subject is scheduled in 6th and 7th periods.
*6th period ends at 1510 whenever the same subject is scheduled in both the 5th and 6th periods.

ROUTINE FROM 11 JULY TO 14 AUGUST (5 WEEKS)

Periods		1	2	3	4	5	6*	7	Evening
Day	Battalion	0745 to 0845	0845 to 0945	1000 to 1100	1100 to 1200	1310 to 1410	1430 to 1530	1530 to 1630	2000 to 2145
Monday	1	O	O	O	O	O	O	O	MOVING PICTURES
	2		T	E	E		X	X	
	3	S	S	‡LM	T		E	E	
	4	E	E	T		S	S	N	
Tuesday	1	E	E	‡LM	T		S	S	STUDY
	2	O	O	O	O	O	O	O	
	3		T	S	S	X	X	N	
	4	S	S	T		E	E		
Wednesday	NOTE 6 1	X	X	E	E		T		MOVING PICTURES
	NOTE 6 2	S	S	T		X	X		
	NOTE 6 3	X	X		T	E	E		
	NOTE 6 4		T	S	S	X	X		
Thursday	1	E	E	T		S	S		NOTE 1 STUDY
	2	S	S		T	E	E	N	
	3	O	O	O	O	O	O	O	
	4	‡LM	T	E	E		X	X	
Friday	1		T	S	S	X	X	N	NOTE 3 STUDY
	2	S	S	‡LM	T		E	E	
	3	E	E	T		S	S		
	4	O	O	O	O	O	O	O	
Saturday	1	NOTE 2 X	X	XX	XX	R			
	2	X	X	XX	XX				
	3	XX	XX	X	X				
	4	XX	XX	X	X				
Sunday	1	CHAPEL SUNDAY ROUTINE				R			STUDY
	2								
	3								
	4								

‡ See notes 5 and 9.
*6th period starts at 1430 whenever the same subject is scheduled in 6th and 7th periods.
*6th period ends at 1510 whenever the same subject is scheduled in both the 5th and 6th periods.

ROUTINE FROM 15 AUGUST TO 21 AUGUST (1 WEEK)

Periods		1	2	3	4	5	6*	7	Evening
Day	Battalion	0745 to 0845	0845 to 0945	1000 to 1100	1100 to 1200	1310 to 1410	1430 to 1530	1530 to 1630	2000 to 2145
Monday	1	O	O	O	O		‡M	N	MOVING PICTURES
	2		T	E	E	X	X	M	
	3	S	S	‡LM	T		E	E	
	4	E	E	T		M	S	S	
Tuesday	1	E	E	‡LM	T		S	S	STUDY
	2	O	O	O	O		‡M	N	
	3	Note 12	T	S	S	M	X	X	
	4	S	S	T		E	E	M	
Wednesday	1	X	X	E	E		T		MOVING PICTURES
	2	S	S	T		X	X		
	3	X	X		T	E	E		
	4	Note 12	T	S	S	X	X		
Thursday	1	E	E	T		S	S	M	NOTE 1 STUDY
	2	S	S		T	M	E	E	
	3	O	O	O	O		‡M	N	
	4	‡LM	T	E	E		X	X	
Friday	1		T	S	S	M	X	X	NOTE 3 STUDY
	2	S	S	‡LM	T		E	E	
	3	E	E	T		S	S	M	
	4	O	O	O	O		‡M	N	
Saturday	1	Note 2: X	X	XX	XX	R			MOVING PICTURES STUDY
	2	X	X	XX	XX				
	3	XX	XX	X	X				
	4	XX	XX	X	X				
Sunday	1	CHAPEL SUNDAY ROUTINE				R			STUDY
	2								
	3								
	4								

‡See notes 5 and 9.
*6th period starts at 1430 whenever the same subject is scheduled in 6th and 7th periods.
*6th period ends at 1510 whenever the same subject is scheduled in both the 5th and 6th periods.

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ROUTINE FROM 22 AUGUST TO 4 SEPTEMBER (2 WEEKS)

Periods		1	2	3	4	5	6*	7	Evening
Day	Battalion	0745 to 0845	0845 to 0945	1000 to 1100	1100 to 1200	1310 to 1410	1430 to 1530	1530 to 1630	2000 to 2145
Monday	1	EE	EE	E	E	S	S	M	MOVING PICTURES
	2	S	# Note 12 S		M		X	X	
	3	X	X	S	S	M	E	E	
	4	O	O	O	O		‡M	N	
Tuesday	1	S	# Note 12 S		M	E	E		STUDY
	2	E	E	S	S	N		M	
	3	O	O	O	O		M		
	4		M	E	E		S	S	
Wednesday	1	S	S	M		N	X		MOVING PICTURES
	2	E	# Note 12 E		M		X		
	3	M		S	S		X		
	4	EE	EE	E	E	M	X		
Thursday	1 (Note 6)		M	X	X	E	E		NOTE 1 STUDY
	2 (Note 6)	O	O	O	O	M	EE	EE	
	3 (Note 6)	S	S	E	E	N		M	
	4 (Note 6)	E	E	S	S		M		
Friday	1 (Note 6)	O	O	O	O	M		(Note 10)	NOTE 3 STUDY
	2 (Note 6)	S	S		M	E	E		
	3 (Note 6)		M	E	E	EE	EE		
	4 (Note 6)	X	X	S	S		M		
Saturday	1 (Note 6)	(Note 2) XX	XX	X	X	R			STUDY
	2 (Note 6)	XX	XX	X	X				
	3 (Note 6)	X	X	XX	XX				
	4 (Note 6)	X	X	XX	XX				
Sunday	1	CHAPEL SUNDAY ROUTINE				R			STUDY
	2								
	3								
	4								

‡See note 9.
#Note 12 applies during week of 22 Aug. only.
*6th period starts at 1430 whenever the same subject is scheduled in 6th and 7th periods.
*6th period ends at 1510 whenever the same subject is scheduled in both the 5th and 6th periods.

ROUTINE FROM 5 SEPTEMBER TO 18 SEPTEMBER (2 WEEKS)

Periods		1	2	3	4	5	6*	7	Evening
Day	Battalion	0745 to 0845	0845 to 0945	1000 to 1100	1100 to 1200	1310 to 1410	1430 to 1530	1530 to 1630	2000 to 2145
†Monday	1	E	E	S	S		‡M	N	MOVING PICTURES
	2	‡L	M	E	E	X	X	X	
	3	EE	EE		M	E	E	L	
	4	O	O	O	O	N		M	
Tuesday	1		M	E	E	X	X	X	STUDY
	2		L	S	S	M	EE	EE	
	3	O	O	O	O		M		
	4	E	E		M	S	S	L	
Wednesday	1 (Note 6)	M		EE	EE	L	X		MOVING PICTURES
	2 (Note 6)	E	E	S	S	M	X		
	3 (Note 6)	S	S		M	N	X		
	4 (Note 6)	‡L	M	E	E		X		
Thursday	1	E	E	S	S	L		M	NOTE 1 STUDY
	2	O	O	O	O		M		
	3	L		E	E	M	S	S	
	4	S	S		M	X	X	X	
Friday	1	O	O	O	O		M		STUDY
	2	E	E	S	S	N		M	
	3		M	E	E	X	X	X	
	4	S	S		M	E	E		
Saturday	1	XX	XX	X	X	R			
	2	XX	XX	X	X				
	3	X	X	XX	XX				
	4	X	X	XX	XX				
Sunday	1	CHAPEL SUNDAY ROUTINE				R			
	2								
	3								
	4								

*6th period starts at 1430 whenever the same subject is scheduled in 6th and 7th periods.
*6th period ends at 1510 whenever the same subject is scheduled in both the 5th and 6th periods.
‡See note 9.
†5 September. Holiday routine.

ROUTINE FROM 19 SEPTEMBER TO 24 SEPTEMBER (1 WEEK)

Periods		1	2	3	4	5	6*	7	Evening
Day	Battalion	0745 to 0845	0845 to 0945	1000 to 1100	1100 to 1200	1310 to 1410	1430 to 1530	1530 to 1630	2000 to 2145
Monday	1		M	E	E	‡L	N	Y	STUDY
	2	E	E		M			Y	
	3	EE	EE	M		E	E	Y	
	4			EE	EE		M	Y	
Tuesday	1	E	E		M	S	S	Y	STUDY
	2		M	EE	EE	E	E	Y	
	3	S	S	E	E		M	Y	
	4	L		M		N		Y	
Wednesday	1	S	S	EE	EE	X	X		STUDY
	2	N		L		X	X		
	3	E	E		M	X	X		
	4	EE	EE	E	E	X	X		
Thursday	1		M	E	E	Move to rooms for academic year			STUDY
	2			M					
	3	N		S	S				
	4	E	E		M				
Friday	1					Section formations for academic year			STUDY
	2	E	E						
	3	L							
	4	EE	EE	E	E				
Saturday	1					R			
	2								
	3								
	4								
Sunday	1	CHAPEL SUNDAY ROUTINE				R			
	2								
	3								
	4								

*6th period starts at 1430 whenever the same subject is scheduled in 6th and 7th periods.
*6th period ends at 1510 whenever the same subject is scheduled in both the 5th and 6th periods.
‡See note 9.

Notes to Summer Schedule—Fourth Class

1. Executive lectures were held in Mahan Hall every Thursday evening commencing 14 July until 15 September, inclusive. These lectures were integrated with the Academic Section of the Executive Department as to subject matter and objectives.
2. The Medical Department administered required vaccinations and inoculations to midshipmen. The first party reported to Sick Quarters at 0800 Saturday, 2 July 1949.
3. Prior to 5 August and after 26 August this period was used as a study period. From Friday, 5 August to Friday, 26 August, this period was utilized for mass singing.
4. Midshipmen brought drawing instruments to initial periods in Marine Engineering for inspection by instructors. After this inspection they were not required until the week beginning 22 August.
5. Periods assigned to Library and Museum (LM) were used for library drills and museum tours. Only those crews designated participated. For the remainder of crews within the battalion this was a free period.
6. The Naval Academy Aptitude Test was given on Wednesday afternoon, 10 August, during periods 5, 6, and 7 to those midshipmen who did not take the test during the April entrance examinations. On the mornings of 25, 26, and 27 August, during periods 1, 2, 3, and 4 the entire class was given a series of tests. Stragglers took the Naval Academy Aptitude Test on 7 September, during periods 5, 6, and 7.
7. Periods marked "EE" were for use of the Department of Electrical Engineering for laboratory indoctrination in Chemistry for designated midshipmen (half a battalion). The Department of Electrical Engineering designated such crews at least 7 days prior to periods concerned.
8. The Department of Mathematics was the only department allotted study time in preparation for a specific recitation.
9. Whenever one single period was followed immediately by a second single period in a different subject, the battalion (or that portion concerned), proceeded directly from one recitation to the other. The uniform worn to both such periods was that normally prescribed for the second of the two periods.
10. Language placement tests were given on 2 September 1949.
11. Low numbered company in scheduled battalion reported first period; high numbered company reported second period.
12. Midshipmen who had not received aviation indoctrination used these periods for this instruction. (See note #11.)

KEY

"A"	Aviation.	"O"	Ordnance and Gunnery (Rifle Range).
"E"	Marine Engineering.	"R"	Recreation.
"EE"	Electrical Engineering.	"S"	Seamanship.
"L"	Foreign Languages.	"T"	Physical Training.
"LM"	Library and Museum.	"X"	Executive (Infantry).
"M"	Mathematics.	"XX"	Executive (Room Inspection).
"N"	Executive (Navy Orientation).	"Y"	Hygiene.

BASIC SCHEDULE—ACADEMIC YEAR 1949–50

FIRST TERM

First term begins	Thursday, 22 September 1949.
First term recitations begin	Monday, 26 September 1949.
Brigade absent third and fourth periods (Princeton)	Saturday, 1 October 1949.
First and second classes absent (Pennsylvania)	Saturday, 22 October 1949.
Brigade absent third and fourth periods (Notre Dame)	Saturday, 29 October 1949.
Armistice Day	Friday, 11 November 1949.
Thanksgiving Day	Thursday, 24 November 1949.
Brigade absent (Army)	Saturday, 26 November 1949.
Christmas leave begins	Thursday, 22 December 1949.
Christmas Day (holiday)	Monday, 26 December 1949.
New Year's Day (holiday)	Monday, 2 January 1950.
Leaves expire: 1600, second, third, and fourth classes; 1800, first class	Do.
Recitations end	Saturday, 21 January 1950.
Examinations begin	Monday, 23 January 1950.
Examinations end	Saturday, 28 January 1950.

SECOND TERM

Second term recitations begin	Monday, 30 January 1950.
Washington's Birthday	Wednesday, 22 February 1950.
Recitations end	Wednesday, 17 May 1950.
Examinations begin	Thursday, 18 May 1950.
Examinations end	Wednesday, 24 May 1950.
June week begins	Saturday, 27 May 1950.
Graduation	Friday, 2 June 1950.
Embark on practice cruise	Saturday, 3 June 1950.

SUMMARY OF EMPLOYMENT ACADEMIC YEAR 1949–50

Practice cruise for first and third classes	First cruise, 53 days; second cruise, 52 days.
Practice cruise for second class	First cruise, 18 days; second cruise, 15 days.
Air cruise for second class	19 days; 18 days; 15 days; 13 days.
Camid, second class	16 days.
Naval Academy drills, first and third classes	18 days; 19 days.
Summer leave for first, second, and third classes	40 days.
First term, all classes:	
Recitations	15½ weeks.
Christmas leave	11 days.
Examinations	1 week.
Second term, all classes:	
Recitations	15½ weeks.
Examinations	1 week.
June week	Do.

COURSE OF INSTRUCTION

(Reference books are marked*)

FIRST YEAR—FOURTH CLASS

SUMMER TERM

Departments	Total hours	Subjects	Textbooks
EXECUTIVE	24	Orientation	U. S. Naval Academy Regulations.
	196	Practical work	Naval Orientation.
SEAMANSHIP AND NAVIGATION.	80	Practical seamanship	Elementary Seamanship, Bluejacket's Manual.
ORDNANCE AND GUNNERY.	69	Small arms	
MARINE ENGINEERING	54	Elementary engineering drawing.	Fundamentals of Engineering Drawing, by Warren J. Luzadder, revised edition 1947.
	30	General marine engineering and basic shop practices.	
AVIATION	4	Introduction to naval aviation.	
MATHEMATICS	21	Review of plane trigonometry.	Plane and Spherical Trigonometry 1948, by Muhly and Saslaw.
	5	Slide rule	Logarithmic and Trigonometric Tables, by Department of Mathematics.* Manual of Mathematics and Mechanics, second edition, by Clements and Wilson.* Keuffel and Esser's Slide Rule No. N4081-3 with manual.*
ELECTRICAL ENGINEERING	10	Indoctrination in Chemistry.	Department's Chemistry Laboratory Manual and Department Notes, 1948 edition.
ENGLISH, HISTORY AND GOVERNMENT.	9	Library orientation.	Hammond's Advanced Reference Atlas.*
		Required reading	Webster's New Collegiate Dictionary.*
		Short essay	Good Reading, Ed. by Townsend.*
FOREIGN LANGUAGES	5	Spanish	September Phonetic Course (U. S. N. I.)
		French	Departmental Transcription.
		German	Do.
		Russian	Do.
		Italian	Do.
		Portuguese	Spoken Portuguese, by Kany and Pinheiro.
		Reverse Spanish	Primer Curso de Inglés, by Sparkman.
PHYSICAL TRAINING	34	Eleven sports and physical fitness tests.	Physical Training Plebe Summer Drill Manual (revised 1949).
HYGIENE	2	Personal hygiene, including social and mental hygiene, oral hygiene, care of the eyes, preventable diseases, and rules for maintaining health.	No textbook is required. Moving pictures are employed.

The total hours shown above represent the maximum. The admission of members of the new fourth class begins in June and continues through the early part of the summer and the extent of individual participation would depend upon the date of entrance.

FIRST YEAR—FOURTH CLASS—Continued

FIRST TERM

Departments	Periods each week: Rec.	Periods each week: Prac. work (lab. etc.)	Subjects	Textbooks
MARINE ENGINEERING	------	6	Engineering drawing	Fundamentals of Descriptive Geometry by Department of Marine Engineering. Fundamentals of Engineering Drawing, Warren J. Luzadder, revised edition 1947.
MATHEMATICS	5	------	Algebra	Brief College Algebra, revised edition, by Hart.
			Plane and Solid Analytic Geometry.	Analytic Geometry, by Underwood and Sparks. Logarithmic and Trigonometric Tables, Slide Rule and Manual.*
ELECTRICAL ENGINEERING.	3	2	Chemistry	Richardson and Scarlett's General College Chemistry, fourth edition. Department's Chemistry Laboratory Manual and Department Notes, 1948 edition.
ENGLISH, HISTORY AND GOVERNMENT.	3	------	Composition and literature.	Shaw's A Complete Course in Freshman English (revised).
FOREIGN LANGUAGES	3	------	Spanish	Practical Spanish, by Turk. Appleton's New English-Spanish and Spanish-English Dictionary.
			Spanish (Advanced)	Same as Third Class.
			French	Beginning French (revised edition), by Hendrix and Meiden. Shorter French and English Dictionary, by Mansion.
			French (Advanced)	Same as Third Class.
			German	German Reading Grammar, by Sharp and Strothmann. Emil und die drei Zwillinge, by Kastner (Top Sections). Heath's New German Dictionary, by Breul.
			Portuguese	Same as Summer Term plus: Brazilian Portuguese, by Sá Pereira. Modern Portuguese-English and English Portuguese Dictionary, by Richardson and Sá Pereira.
			Russian	Russian Conversation and Grammar, (U. S. N. I.) 1949. Russian-English Dictionary, by Muller.
			Italian	Present Day Italian, by Russo. Italian English and English-Italian Dictionary, by Edgren.
			Reverse Spanish	Same as summer term.
PHYSICAL TRAINING	------	1½	Swimming, boxing, wrestling, agility, applied strength, gym-agility, handball.	Physical Training Drill Manual, 1949–50.

SECOND TERM

Departments	Periods each week: Rec.	Periods each week: Prac. work (lab. etc.)	Subjects	Textbooks
MARINE ENGINEERING	------	[1] 6	Engineering drawing	Fundamentals of Engineering Drawing, by Warren J. Luzadder, revised edition 1947.
			Naval boilers	Naval Boilers, 1949, by Department of Marine Engineering.
			General marine engineering.	General Marine Engineering, by Department of Marine Engineering.
MATHEMATICS	5	------	Calculus	Unified Calculus, by Smith, Salkover and Justice. Slide Rule, Manual and Tables.*
ELECTRICAL ENGINEERING.	3	2	Chemistry	Richardson and Scarlett's General College Chemistry, fourth edition. Department's Chemistry Laboratory Manual and Department Notes, 1948 edition.

[1] 6 weeks of engineering drawing and 10 weeks of naval boilers and general marine engineering.

FIRST YEAR—FOURTH CLASS—Continued

SECOND TERM—Continued

Departments	Periods each week: Rec.	Periods each week: Prac. work (lab. etc.)	Subjects	Textbooks
ENGLISH, HISTORY AND GOVERNMENT.	3	------	Composition and literature.	Dominant Types in British and American Literature, by Davenport, Wimberly, and Shaw.
FOREIGN LANGUAGES	3	------	Spanish	Same as first term plus: Sailing the Spanish Main, by Grismer, Lecturas Escogidas, by Kasten and Neale-Silva.
			Spanish (Advanced)	Same as third class.
			French	Same as first term plus: Le Voyage de Monsieur Perrichon, by Labiche and Martin.
			French (Advanced)	Same as third class.
			German	Same as first term plus: Himmel, Mein Schuhe, by Fröschel. Say It In German, by Evans and Röseler (Top Sections).
			Portuguese	Same as first term.
			Russian	Do.
			Italian	Same as first term plus: Nel Paese Del Sole, by Russo.
PHYSICAL TRAINING	------	1½	Swimming, boxing, wrestling, posture, gym-agility, basketball, fencing, handball, soccer, tennis.	Physical Training Drill Manual, 1949–50.

SECOND YEAR—THIRD CLASS

FIRST TERM

MARINE ENGINEERING	[2] 3	1	Engineering materials	Engineering Materials, 1949, by Department of Marine Engineering.
	[2] 3	1	Basic mechanisms	Principles of Basic Mechanisms, by Department of Marine Engineering.
MATHEMATICS	5	------	Calculus Differential equations.	Elements of Calculus, by Granville, Smith, and Longley. Slide Rule, Manual, and Tables.*
ELECTRICAL ENGINEERING.	3	1	Physics	Hausmann and Slack's Physics, third edition; Department's Laboratory Manual: Physics, 1949 edition.
ENGLISH, HISTORY AND GOVERNMENT.	3	------	Modern European history.	A History of Europe, by Scheville.
FOREIGN LANGUAGES	3	------	Spanish	Brief Spanish Review Grammar and Composition, by Adams. José, by Valdés.
			Spanish (Advanced)	Del Solar Hispánico, by Del Río. Pensativa, by Goytortúa.
			French	A First Review of French Grammar, by Fundenburg. Contes Et Récits, by Denoeu. Tovaritch, by Ernst and Harvitt.
			French (Advanced)	Anthology of Modern French Literature, by LeCompte and Searles. Initiation A La Culture Francaise, by Parker and Grigaut. Le Barbier de Séville, by Beaumarchais. Le Jeu De L'Amour Et Du Hasard, by Marivaux. Le Bourgeois Gentilhomme, by Moliere.
			German	Helles und Dunkles, by House and Malthaner. Geissler's Der liebe Augustin, edited by Priest (Top Sections). Deutsche Kultur, by Steinhauer.
			Portuguese	An Outline of Portuguese Grammar by D'Eca and Greenfield. Conversas sul-americanas, by Hamilton, Lopes, and Walsh.

[2] 8 weeks of engineering materials and 8 weeks of basic mechanisms.

SECOND YEAR—THIRD CLASS—Continued

FIRST TERM—Continued

Departments	Periods each week: Rec.	Periods each week: Prac. work (lab. etc.)	Subjects	Textbooks
FOREIGN LANGUAGES—Continued			Russian	Russian Conversation and Grammar (U. S. N. I. 1949). Brush Up Your Russian, by Semeonoff.
			Italian	A New Italian Reader for Beginners (Goggio). Present Day Italian (Russo). La Locandiera (Goldoni). (The third class uses the language dictionaries drawn at the beginning of the course.)
EXECUTIVE	½		Psychological principles	Naval Leadership, 1949.
PHYSICAL TRAINING		1	Boxing, wrestling, agility, applied strength, swimming, tennis.	Physical Training Drill Manual 1949-50.

SECOND TERM

Departments	Rec.	Prac. work (lab. etc.)	Subjects	Textbooks
MARINE ENGINEERING	3	1	Naval machinery	Naval Turbines and Naval Auxiliary Machinery, by Department of Marine Engineering.
MATHEMATICS	5		Calculus	Elements of Calculus, by Granville, Smith, and Longley.
			Mechanics	Analytical and Applied Mechanics, second edition, by Clements and Wilson.
				Slide Rule, Manual and Tables.*
ELECTRICAL ENGINEERING.	4	1	Physics	Hausmann and Slack's Physics, third edition.
				Department's Laboratory Manual: Physics, 1949 edition.
ENGLISH, HISTORY AND GOVERNMENT.	2		United States foreign policy.	Bailey's A Diplomatic History of the American People.
FOREIGN LANGUAGES	3		Spanish	Lecturas Iberoamericanas, by Goggio and Tayler. Antologia De Cuentos Españoles, by Hill and Buceta. New Naval Phraseology (U. S. N. I.)
			Spanish (Advanced)	Iberoamerica, by Castro. Don Quijote, by Cervantes. Lecturas Técnicas En Español (Departmental Transcription).
			French	Same as first term plus: Carmen Et Autres Nouvelles, by Mérimée. New Naval Phraseology (U. S. N. I.)
			French (Advanced)	Same as first term plus: Anthologie de Contes Francais, by Moody. Vol de Nuit, by Saint-Exupery. Knock, by Romains. Lectures Techniques (Departmental Transcription).
			German	Same as first term plus: Modern Technical German (Departmental Transcription). New Naval Phraseology (U. S. N. I.).
			Portuguese	Contos Do Brasil, by Hamilton and Fahs. New Naval Phraseology (U. S. N. I.).
			Russian	Chrestomathy of Russian Literature, by Lemieux and Buffum. Russian Supplement to New Naval Phraseology (U. S. N. I.).
			Italian	Same as first term plus: Cosi E (Se Vi Pare) (Pirandello). Nel Paese del Sole (Russo). New Naval Phraseology (U. S. N. I.).
HYGIENE	[3] 1		Personal, social, naval and military hygiene.	Hayden's Elementary Hygiene, General and Naval.
PHYSICAL TRAINING		1	Swimming, boxing, wrestling, gym-agility, basketball, soccer, tennis.	Physical Training Drill Manual, 1949-50.

[3] Hygiene course consists of 11 lectures followed by an examination.

THIRD YEAR—SECOND CLASS

FIRST TERM

Departments	Periods each week: Rec.	Periods each week: Prac. work (lab. etc.)	Subjects	Textbooks
SEAMANSHIP AND NAVIGATION.	2½	1	Navigation	Navigation and Nautical Astronomy, ninth edition, by Dutton.
ORDNANCE AND GUNNERY.	2	½	Basic ordnance and interior ballistics.	Naval Ordnance and Gunnery (NavPers 16116A). Department of Ordnance and Gunnery's pamphlets.
MARINE ENGINEERING	2	2	Fluid mechanics	Fluid Mechanics, 1947, by Binder.
MATHEMATICS	3	------	Spherical trigonometry	Plane and Spherical Trigonometry, by Muhly and Saslaw.
			Mechanics and strength of materials.	Analytic Mechanics, by A. E. Currier. Slide Rule, Manual, and Tables.*
ELECTRICAL ENGINEERING.	3	1	Electrical engineering	Lemon and Ference's Analytical Experimental Physics, revised edition. Loew's Direct and Alternating Currents, third edition. Department's Electrical Laboratory Manual, 1948 edition.
ENGLISH, HISTORY AND GOVERNMENT.	2	------	Government	Ogg and Ray's Essentials of American Government, fifth edition.
EXECUTIVE	1	------	Leadership	Naval Leadership, 1949.
PHYSICAL TRAINING	------	1½	Swimming, boxing, wresting, agility, applied strength, golf, tennis.	Physical Training Drill Manual, 1949–50.

SECOND TERM

Departments	Periods each week: Rec.	Periods each week: Prac. work (lab. etc.)	Subjects	Textbooks
SEAMANSHIP AND NAVIGATION.	2½	1½	Navigation, Combat Information Center.	Navigation and Nautical Astronomy, by Dutton. H. O. 214. American Nautical Almanac. Naval Tactics and Operations.
ORDNANCE AND GUNNERY.	2	½	Rockets and guided missles, aviation ordnance, under-water ordnance, exterior ballistics.	Naval Ordnance and Gunnery (NavPers 16116A). Department of Ordnance and Gunnery's pamphlets. Exterior Ballistics, 1948.
MARINE ENGINEERING	3	2	Thermodynamics	Energy Analysis of Naval Machinery (1949 edition), by Department of Marine Engineering. Thermodynamic Properties of Steam, by Keenan and Keyes.
AVIATION	1	1	Aerodynamics, aerology and flying.	Aerodynamics for Pilots—CAA Bulletin No. 26. Meteorology for Pilots—CAA Bulletin No. 25.
ELECTRICAL ENGINEERING.	3	2	Electrical engineering	Loew's Direct and Alternating Currents, third edition. Department's Electrical Laboratory Manual, 1948 edition.
ENGLISH, HISTORY AND GOVERNMENT.	2	------	Economics	Samuelson's Economics: An introductory analysis.
	½	------	Speech	Monroe's Principles and Types of Speech.
EXECUTIVE	½	------	Leadership	Naval Leadership, 1949.
PHYSICAL TRAINING	------	1½	Boxing, wrestling, posture, basketball, golf, band to band mass exercise, soccer, squash. tennis.	Physical Training Drill Manual, 1949–50.

FOURTH YEAR—FIRST CLASS

FIRST TERM

Departments	Periods each week: Rec.	Periods each week: Prac. work (lab. etc.)	Subjects	Textbooks
SEAMANSHIP AND NAVIGATION.	3	1	Navigation. Naval communications.	Navigation and Nautical Astronomy, by Dutton. H. O. 214. H. O. 71. American Air Almanac. American Nautical Almanac. Tide and Current Tables, USC&GS. Deck Officer Communications (NavPers 10807).

FOURTH YEAR—FIRST CLASS—Continued

FIRST TERM—Continued

Departments	Periods each week: Rec.	Periods each week: Prac. work (lab. etc.)	Subjects	Textbooks
ORDNANCE AND GUNNERY.	2	1	Rangefinders, introduction to fire control, the surface fire control problem, main battery system and radar, spotting. naval gunfire support, torpedo control, anti-submarine fire control.	Naval Ordnance and Gunnery (NavPers 16116a). Department of Ordnance and Gunnery's pamphlets.
MARINE ENGINEERING	2	2	Combustion engines	Combustion Engines by Frass. Combustion Engine Manual by Department of Marine Engineering.
AVIATION	1	1	Naval aviation in the Pacific; airborne electronics laboratory and flying. Operations and control of Naval Air Missions; flying.	Naval Aviation in the Pacific—World War II. RAD 2A. RAD8 (revised).
ELECTRICAL ENGINEERING.	2	2	Electrical engineering (continued).	Loew's Direct and Alternating Currents, third edition. Department's Electrical Laboratory Manual, 1948 edition.
ENGLISH, HISTORY AND GOVERNMENT.	3	------	Naval history	Westcott's (ed.) American Sea Power Since 1775. Stevens and Westcott's History of Sea Power (1942 edition).
	½	------	Term paper	Department handbook, Writing the Term Paper.
			After-dinner speaking.[4]	
EXECUTIVE	1	------	Military law	Naval Justice. Naval Courts and Boards.

SECOND TERM

Departments	Periods each week: Rec.	Periods each week: Prac. work (lab. etc.)	Subjects	Textbooks
SEAMANSHIP AND NAVIGATION.	3	------	Rules of the nautical road. Elementary tactics. Naval tactics and operations.	Knight's Modern Seamanship. Naval Tactics and Operations by Department of Seamanship and Navigation, U. S. N. A.
ORDNANCE AND GUNNERY.	2	2	The antiaircraft fire control problem, antiaircraft fire control system and radar, relative rate antiaircraft system and radar, battery alignment.	Naval Ordnance and Gunnery (NavPers 16116A) Department of Ordnance and Gunnery's pamphlets.
MARINE ENGINEERING	2	2	Fundamentals of naval construction and damage control.	Fundamentals of Naval Construction and Damage Control, by Department of Marine Engineering.
AVIATION	1	1	Radiological safety; flight physiology, aircraft procurement, organization and future trends; flying.	USF85 and AF202, Departmental pamphlets.
ELECTRICAL ENGINEERING.	2	2	Electronics	Department's Basic Course in Electronics, 1948 edition, Department's Electronic Laboratory Manual, 1949 edition.
ENGLISH, HISTORY AND GOVERNMENT.	3	------	European literature	Cervantes' Don Quixote. Balzac's Old Goriot. Ibsen's Plays. Tolstoy's Anna Karenina. Goethe's Faust.
	½	------	Term paper	Department handbook, Writing the Term Paper.
			After-dinner speaking.[4]	
EXECUTIVE	1	------	Naval organization and administration.	U. S. Navy Regulations.
			Leadership	Naval Leadership, 1949.

The preceding 8 tables do not show the periods of practical work under the Executive Department and Department of Seamanship and Navigation for which no marks are reported.

[4] Each midshipman will average 3 speeches for the year.

NOTE.—The 1949–50 series of Special Lectures for the first class includes 5 lectures devoted to the social-humanistic area, 3 to the operational area, and 4 to the technical area.

Assignment of recitation time to departments 1949–50

[By class and term-hours per week]

Class	Fourth		Third		Second		First	
Year	1953		1952		1951		1950	
Term	First	Second	First	Second	First	Second	First	Second
Weeks	16	16	8 | 8	8 | 8	8 | 8	8 | 8	8 | 8	8 | 8
Executive			0 | 1		1	1 | 0	1	1
Seamanship and navigation					2 | 3	3 | 2	3	3
Ordnance and gunnery					2	2	2	2
Marine engineering			3	3	2	3	2	2
Aviation						2 | 0	0 | 2	2 | 0
Mathematics	5	5	5	5	3			
Electrical engineering	3	3	3	4	3	3	2	2
English, history and government	3	3	3	2	2	2 | 3	3 | 4	4 | 3
Foreign languages	3	3	3	3				
Hygiene			0 | †					
Total	14	14	17 | 18	17	15 | 16	16 | 13	13 | 16	16 | 13

†Hygiene conducts course through a series of lectures followed by an examination.

Assignment of laboratory, practical work, drawing, practical instruction and classroom lecture time to departments

[By class and term—Hours per week]

Class	Fourth		Third		Second		First	
Year	1953		1952		1951		1950	
Term	First	Second	First	Second	First	Second	First	Second
Weeks	8 | 8	8 | 8	8 | 8	8 | 8	8 | 8	8 | 8	8 | 8	8 | 8
Executive	2 | 0	0 | 2	2 | 0	0 | 2	2 | 0	0 | 2	2 | 0	0 | 2
Seamanship and navigation	0 | 1	1 | 0		2 | 0	2	1 | 3	4 | 2	1 | 3
Ordnance and gunnery					0 | 1	1 | 0	1	2
Marine engineering	6	6	1	1	2	2	2	2
Aviation						0 | 2	2 | 0	0 | 2
Electrical engineering	2	2	1	1	1	2	2	2
Hygiene†				⅜ | ⅞				
Physical training	1 | 2	2 | 1	1 | 1	1 | 1	2 | 1	1 | 2		
Total	11 | 11	11 | 11	5 | 3	5⅜ | 5⅞	9 | 7	7 | 13	13 | 7	7 | 13

† Hygiene conducts course through a series of lectures followed by an examination.

Coefficients academic year 1949–50

Class	Fourth		Third		Second		First	
Year	1953		1952		1951		1950	
Aptitude			4.0		9.0		18.0	
Conduct	3.0		3.0		4.0		6.0	
Nonacademic total	3.0		7.0		13.0		24.0	
Term	First	Second	First	Second	First	Second	First	Second
Executive (academic)			0.7		2.0	1.0	2.4	2.4
Seamanship and navigation					6.0	6.0	8.3	8.3
Ordnance and gunnery					4.0	4.0	4.8	4.8
Marine engineering	3.3	3.3	5.4	5.4	6.0	8.0	7.2	7.1
Aviation						2.0	2.4	2.4
Mathematics	5.6	5.6	7.7	7.7	6.0			
Electrical engineering	4.5	4.5	5.4	6.9	7.0	8.0	7.2	7.1
English, history and government	3.3	3.3	4.6	3.1	4.0	5.0	8.3	8.3
Foreign languages	3.3	3.3	4.6	4.6				
Physical training	1.0	1.0	0.7	0.7	1.5	1.5		
Hygiene				0.5				
Academic totals: Term	21.0	21.0	29.1	28.9	36.5	35.5	40.6	40.4
Year	42.0		58.0		72.0		81.0	
Grand totals	45.0		65.0		85.0		105.0	

RECITATIONS AND PRACTICAL INSTRUCTION 1949–50

The academic year consists of three terms: namely. summer term, first term, second term. The work undertaken during the summer varies with each class. For the three upper classes the summer term is divided as follows: For the class of 1950, approximately 7½ weeks in a battleship, destroyers, and mine layers, 2½ weeks at the Naval Academy and 6 weeks' leave; for the class of 1951, the summer period was divided into four parts: (1) 2 weeks' carrier cruise, (2) continental air cruises, (3) 3 weeks of aviation practical instruction, including flying at the Naval Air Facility, (4) 2 weeks of training in amphibious operations in company with cadets of the second class from the United States Military Academy, and 6 weeks' leave; for the class of 1952, 7½ weeks' cruise in a battleship, destroyers and mine layers, 2½ weeks at the Naval Academy and 6 weeks' leave.

The first and second terms consist of 15½ weeks of recitations each, and 1 week of examinations each term for all classes. During the eight regular terms of academic work at the Naval Academy the class of 1953 and subsequent classes will spend approximately 1,950 hours in recitations and 1,110 hours in practical laboratory exercises and drills. In addition, these classes will have approximately 3 months of indoctrinal training during their first summer at the Naval Academy, a practice cruise in modern combatant ships at the end of their fourth class year, and a second and similar practice cruise at the end of their second class year. The summer following their third class year will include a carrier cruise, aviation operational and theoretical training, and joint training in amphibious operations with cadets from the United States Military Academy.

The members of the new fourth class enter during the summer term between 15 June and the end of September. Approximately 90 percent of the class will have entered by mid-August. This summer term is spent in infantry drills, in pulling and sailing boats, on the rifle range, in introduction to naval aviation, including flights in primary training planes and in patrol—bombing planes, in physical training and other outdoor drills. Three 2-hour recitations a week in general marine engineering and basic shop practices are given during June and July. During August and September the fourth classmen attend five 2-hour indoctrinal laboratory periods in the Department of Electrical Engineering as well as a few recitations in the Departments of Marine Engineering; Mathematics; English, History, and Government; and Foreign Languages, totaling approximately 80 hours. In addition they receive two lectures in the Department of Hygiene. A 1-hour-a-week orientation course continues throughout the summer.

The normal academic routine during the first and second terms provides for 5½ days of recitations, lectures, drills, and practical instruction each week distributed according to the tables on page 17 of this pamphlet. A 2-hour evening study period is provided every evening except Saturday and on those occasions when special lectures are scheduled. The academic day is divided into seven 50-minute periods, Monday through Friday, and four 50-minute periods on Saturday morning.

RÉSUMÉ OF COURSE OF INSTRUCTION 1949–50

EXECUTIVE

The Commandant of Midshipmen commands the brigade of midshipmen and is head of the Executive Department.

The Commandant of Midshipmen, as head of the Executive Department, is charged with the supervision of the physical and mental well-being of midshipmen; and with the preparation of the midshipmen mentally, psychologically, and through indoctrination and the development of character for the exercise of command. The specific objectives are:

(*a*) To develop the character and guide the development of habits of cooperation and coordinated existence and effort.

(*b*) To inculcate discipline and to foster the spirit of subordination of self to a common purpose to the end of concentrated and coordinated action.

(*c*) To develop the psychology and technique of leadership in order that the young officer may be able to inspire others to their best efforts.

(*d*) To familiarize the midshipman with the "tools" of command—Articles for the Government of the Navy; Navy Regulations particularized in the field of command; command relationships; Organization and Administration of the Navy; Military Law.

The above objectives are realized as follows:

(*a*) By routine and regulated existence under supervision of selected officers; by infantry and associated drills; by lectures and example; and by a system of reward and punishment. The mark in "Aptitude for the Service" reflects general character as well as leadership and general proficiency.

(*b*) By example; by opportunity during first class year for the exercise of authority and assumption of responsibility; by a specific course in Leadership during the second class and first class years, which is designed to prepare the midshipmen for the exercise of leadership during their naval career. A textbook, written from a naval point of view, and embodying the applied psychology involved, is used in this course. The text is supplemented by classroom discussion, with particular emphasis on specific application and modern historical example.

Division of time (Leadership)

		Number of hours	Total
FOURTH CLASS			
Summer term	Orientation	14	
	Lectures	10	
THIRD CLASS			24
First term	Psychological principles	8	
	Examination	1	
SECOND CLASS			9
First term	Psychological principles	8	
	Precept and example	4	
	Case studies	4	
	Examination	1	
			17
Second term	Case studies	8	
	Examination	1	
FIRST CLASS			9
First term	Military law	16	
	Examination	1	
			17
Second term	Naval organization and administration	5	
	Psychological principles	1	
	Case studies	7	
	Related material	3	
	Examination	1	
			17

SEAMANSHIP AND NAVIGATION

The professional study in this department is shaped to indoctrinate and educate midshipmen in the art and science of seamanship and navigation. The course is designed to provide integration of fundamental theory with operational techniques.

The course is conducted in two phases. The first, extending over the first 2 years and enhanced by the illuminating experience of practice cruise training, provides a progressive indoctrination in basic elements of the naval profession; familiarization with all types of boats, underlying principles and applications of rules of the nautical road, lookout duties, chart usage, and signaling. The second phase, extending over the last 2 years and pointed up by more advanced practice cruise training, founds the midshipman in that essential to his professional education, the theory and practice of navigation and piloting. Also during this phase the student is grounded in the elements of tactics and given a broad concept of naval operations, together with a study of their components; the role of the Combat Information Center, an overview of communications and the naval communication system, the tactical aspects of antisubmarine warfare, and the handling of ships in emergency situations. The midshipman is thus equipped with the foundation of professional knowledge requisite to an immediate reasonable usefulness as he progresses into the sphere of duties of the junior line officer of the Navy and fundamental to his continued professional development as a naval officer.

FOURTH CLASS SUMMER TERM

Six hours per week are devoted to elementary drills in pulling and sailing boats, knot tying, motor launches, rules of the road, signaling and the duties of telephone talkers and lookouts.

FOURTH CLASS YEAR

Drills are given in signals, ground tackle, interior communications, rules of the road and boat handling. A series of lectures is given at the end of the year for indoctrination in shipboard functions.

THIRD CLASS SUMMER CRUISE

The midshipmen are embarked in a man-of-war for a cruise during which practical instruction is given in seamanship as well as other subjects. The instruction under this department is based on Navy Training Course "Seaman First Class," supplemented by a department pamphlet and practical drills in deck seamanship, and watches in the various divisions of the ship's operations department.

THIRD CLASS YEAR

Practical instruction is given in rules of the nautical road, signals, the ship's log, anchoring, towing, fueling and mooring.

SECOND CLASS CRUISE

The midshipmen are embarked in carriers for a cruise. Drills under this department are devoted to communications, log writing and use of ciphers. In addition the second class stand watches in the various divisions of the operations department throughout the cruise.

SECOND CLASS YEAR

Classroom and practical instruction are given in navigation, including charts, theory and adjustment of the magnetic compass, piloting, nautical astronomy

and star identification, lines of position, the sextant, time, the American Nautical Almanac, solution of the astronomical triangle by Hydrographic Office Publication No. 214, maneuvering board and the fundamentals of operation of Combat Information Center in modern naval warfare. Drills are devoted to the use of navigational instruments, piloting, ship-handling tactics, Combat Information Center techniques and the tactical aspects of antisubmarine warfare.

FIRST CLASS CRUISE

During the summer cruise midshipmen of the first class utilize their classroom knowledge of navigation by actually doing a navigator's day's work, including celestial observations, solution and plotting of sights, star identification, piloting, including Loran navigation and radar piloting. Drills are devoted to duties of the division officer, ground tackle and coding, and midshipmen, in addition, stand watches in the various divisions of the ship's operations department.

FIRST CLASS YEAR

Classroom and practical instruction are given in Loran navigation, radar piloting, tides, currents, great circle sailing, time, aircraft compasses, Polar navigation, advanced piloting, maneuvering board problems and the Air Almanac. Following the course in navigation is classroom instruction rules of the nautical road, elementary tactics, communications and naval operations.

Drills are devoted to adjustment of the magnetic compass, ship handling, emergency ship handling, radar piloting, Loran navigation, Combat Information Center techniques, antisubmarine warfare, tactics, elementary tactical formations and maneuvers.

Division of time

	Practical work	Number of hours	Total	Academic work	Number of hours	Total
FOURTH CLASS YEAR						
Summer term [1]	Practical seamanship	80		None		
First term	do	8		do		
Second term	do	8		do		
			96			
THIRD CLASS YEAR						
First term	do	0		do		
Second term	do	16		do		
			16			
SECOND CLASS YEAR						
First term	Shiphandling	8		Navigation	40	
	Tactics	4				
	Piloting	4				
	Navigation	16				
Second term	Antisubmarine warfare	4		do	32	
	Combat Information Center.	4		Combat Information Center.	5	
	Navigation	24		Maneuvering board	3	
			64			80
FIRST CLASS YEAR						
First term	Shiphandling	8		Navigation	24	
	Radar piloting	4		Maneuvering board	5	
	Compass adjustment	4		Air navigation	10	
	Combat Information Center.	16		Communications	9	
	Navigation	16				48
			48			
Second term	Loran	4		Rules of the road	12	
	Emergency ship handling	6		Elementary tactics	3	
	Antisubmarine warfare	6		Tactics and operations	33	
	Tactics	16				48
			32			

[1] This is a maximum amount for those fourth classmen who enter earliest. Those who enter later receive lesser amount of practical work during the summer term.

ORDNANCE AND GUNNERY

The objective of the department is twofold: To produce capable junior officers for gunnery duty; and to provide them with the background necessary for further development in this field. Midshipmen are educated in the fundamental principles of naval ordnance and fire control systems and are trained in the operation and control of ordnance material. They are introduced to the capabilities and limitations of basic elementary weapons and are familiarized with the general nature of naval destructive potentiality in order that an early interest in modern naval weapons and their broad purposes may be created.

Basically, the Department of Ordnance and Gunnery deals with ultimate military objectiveness. Every effort is made during the final year at the academy to develop in the student an appreciation of naval combat as a synthesis of fire power (applications of weapons) and movement (tactics)—a synthesis in which, in the final analysis, the naval officer exercises the role of leadership and tactical direction.

FOURTH CLASS SUMMER TERM

During their first summer, the midshipmen receive practical instruction at the rifle range in nomenclature, disassembly and assembly of small arms. Under the direct supervision of experienced marine coaches, they become thoroughly familiar with the offensive potentiality of small arms by firing the service rifle, carbine, and pistol. They also receive combat instruction and a familiarization course in automatic rifles and submachine guns.

SECOND CLASS YEAR

Classroom recitations in ordnance and gunnery begin with the first term of second class year. During this term, the course includes an introduction to ordnance, explosives, armor and projectiles, ammunition, gun assemblies, interior ballistics, mounts and turrets, and automatic control equipment. In the second term, study covers rockets and guided missiles, torpedoes, aviation ordnance, mines, rangefinders, antisubmarine weapons, and exterior ballistics. Practical instruction during this year is designed to closely parallel the classroom instruction.

FIRST CLASS YEAR

Classroom and practical instruction are very closely coordinated during this year to cover an introduction to fire control, the analytical and graphic solution of the surface fire-control problem, a typical main battery system, battery alignment, naval gunfire support, torpedo control, anti-submarine fire control, the antiaircraft fire-control problem, a typical antiaircraft fire-control system, relative rate fire-control systems, and fire-control radars. Practical instruction parallels classroom work.

THE SUMMER CRUISES

The above course of instruction is augmented by practical instruction during the three summer practice cruises on combatant ships. Midshipmen control and fire all calibers of guns in the standard types of target practices.

Division of time

	Practical work	Number of hours	Total	Academic work	Number of hours	Total
FOURTH CLASS YEAR						
Summer term	Small arms	69	69	None		
THIRD CLASS YEAR						
Practice cruise	General ordnance	50	50	do		
SECOND CLASS YEAR						
Practice cruise	do	20		do		
First term	do	8		Introduction to ordnance.	1	
				Explosives	2	
				Armor and projectiles	2	
				Ammunition	4	
				Gun assemblies	3	
				Interior ballistics	2	
				Turret installations	3	
				Semiautomatic weapons.	5	
				Automatic weapons	3	
				Automatic control equipment.	3	
				Review	3	31
Second term	do	8	36	Rockets and guided missiles.	3	
				Torpedoes	4	
				Aviation ordnance	4	
				Mines	2	
				Rangefinders	2	
				Antisubmarine weapons.	2	
				Exterior ballistics	11	
				Review	3	31
FIRST CLASS YEAR						
Practice cruise	General ordnance	40		None		
First term	Fire control	16		Rangefinders	2	
				Introduction to fire control.	1	
				Analytical and graphic solution.	4	
				Typical main battery system.	8	
				Main battery radar	2	
				Spotting	2	
				Naval gunfire support	4	
				Torpedo control	2	
				Antisubmarine fire control.	3	
				Review	3	31
Second term	do	32	88	The antiaircraft fire control problem.	5	
				Typical antiaircraft system.	12	
				Antiaircraft radar	2	
				Battery alignment	3	
				Gun control equipment.	1	
				Relative rate antiaircraft systems and radar.	5	
				Review	3	31

MARINE ENGINEERING

The courses in marine engineering give the midshipmen an engineering background based on fundamental theories and their naval applications. When combined with experience, this will insure the critical sense in that field essential to decision in a command role.

Time allotted to this department:

	Hours
Recitations	240
Practical instruction, including laboratory and drawing time	352
Preparation	240
Evening lectures	4

RECITATIONS

First Year—Fourth Class

SUMMER TERM

Elementary engineering drawing.—Instruction and practice in the use of mechanical drawing instruments. Lettering. Engineering geometry.

FIRST TERM

Descriptive geometry and engineering drawing.—A basic study in intersections of solids and the developments of geometrical surfaces, and their practical applications to engineering drawing. Instruction in the use of drawing instruments and mechanical drafting procedures leading to creation of accurate, legible drawings. Applications of orthographic and isometric projection to engineering drawings. Sketching and drawing standard fastenings and pipe fittings, employing data obtained from tables of standards. Making dimensional sketches from models and pencil working drawings from sketches. Producing simple detailed working drawings from dimensioned assemblies and simple assembly drawings from detailed drawings.

SECOND TERM

Engineering drawing.—A continuation of the work of the first term.

Boilers.—Naval boilers, feed water and fuel oil apparatus, and their operation.

General marine engineering.—A brief study of the machinery installations of the ships comprising the training squadron for the summer practice cruise, and of the organization of an engineering department aboard ship.

Second Year—Third Class

FIRST TERM

Engineering materials.—A general study of engineering materials—iron and steel, alloys, petroleum products and plastics, including their fabrication, properties, application and strategic considerations.

Basic mechanisms.—Principles of graphical mechanics and the basic mechanisms—linkages, gear trains, cams and levers, study of simple machines.

SECOND TERM

Naval machinery.—Elementary principles of turbines, their design features and operation, including reduction gears, shafting and bearings. Elementary principles, design features and operation of various units of auxiliary machinery in a modern steam engineering installation. Basic engineering fundamentals are stressed throughout the course. Extensive use is made of sectionalized units of machinery under study and of scale models of actual machinery installations in various types of ships.

Third Year—Second Class

FIRST TERM

Fluid mechanics.—A basic study of the properties, behavior and energy relationships of fluids in motion covering the elements of hydromechanics with particular reference to the pumping, metering, and piping of liquids; the dynamics of incompressible and compressible flow of gases, including the fundamentals of aerodynamics and the special problems presented by supersonic velocities; and a continuing emphasis on the general energy equation including the thermal aspects thereof in preparation for the thermodynamics phase of the course.

SECOND TERM

Thermodynamics.—A continuation of the first term's work in the field of thermodynamics covering the transportation and conversion of energy through the medium of the usual working substances such as air, steam and freon. The various processes and cycles associated with the working substances are analyzed and their practical applications in actual equipment such as turbines, air compressors, heat exchangers and refrigeration machines are studied.

Fourth Year—First Class

FIRST TERM

Combustion engines.—Thermodynamic principles applied to combustion engines, theoretical and actual combustion engine cycles, fuel-air mixtures, combustion engine fuels, combustion processes, the principles of operation and construction of various types of combustion engines—reciprocating engines, gas turbines, jet engines, rocket engines—and their auxiliaries, the performance characteristics and limitations of actual engines.

SECOND TERM

Fundamentals of naval construction and damage control.—Elementary principles affecting ship design and damage control including geometry and nomenclature of a ship; buoyancy and principles of stability in undamaged and damaged condition; elementary study of the structural strength of ships to give proper appreciation of the effects of stresses in any condition; water resistance to ship's motion and propulsive power requirements.

PRACTICAL WORK

First Year—Fourth Class

SUMMER TERM

General marine engineering and basic shop practices.—An introduction to the nomenclature and study of marine and mechanical engineering through examinations of sectioned machinery elements typical of modern naval installations; and of reduced scale models of naval machinery and machinery spaces of modern naval vessels. Practical instruction in, and demonstrations of the following basic shop practices; patternmaking, foundry, machine shop, coppersmithing, gas and electric welding.

SECOND TERM

Naval boilers and general marine engineering.—Explanations, exhibitions of sound motion pictures and slide films, and examination of models covering the

following subjects: steam water cycle, boilers, main engine auxiliaries, main engines, lubricating oil fuel and feed systems in preparation for summer cruise.

Second Year—Third Class

FIRST TERM

Engineering materials.—Physical tests of materials, heat treatment of metals and alloys, metallographic examinations, demonstrations of welding and machine shop practices, specification tests of fuels and lubricants.

Basic mechanisms.—Inspection and demonstration of models of mechanisms; examination and demonstration of the application of mechanisms in machinery—machine tools, hoists, internal combustion engines, transmissions and control apparatus; analytical and graphic solution of problems in kinematics.

SECOND TERM

Naval machinery.—Investigation into the details of construction, assembly, and adjustment of turbines and auxiliary machinery used on naval vessels, including operating instructions. Inspection of battleship, large cruiser, and destroyer machinery space models.

Third Year—Second Class

FIRST TERM

Fluid mechanics.—A series of experiments including measurements of liquid flow through orifices; measurement of air flow in a pipe by various common devices such as pitot tube and venturi meter; determination of critical Reynolds' Number for water; determination of frictional losses in pipes and standard fittings; development of characteristic curves for a conventional centrifugal pump; study of high velocity flow of gas in a nozzle; demonstration of smoke tunnel technique and flow patterns around air foils and through pipe fittings; demonstration of compressibility effects on air foils (motion pictures). The entire laboratory course is prefaced with a lecture and practical work dealing with the writing of engineering reports.

SECOND TERM

Thermodynamics.—A series of experiments designed to illustrate fundamental thermodynamic concepts using standard naval equipment, including auxiliary turbines, air compressors, vapor compression refrigerating machines and various heat transfer devices. The early laboratory periods are devoted to an exercise in the use of Steam Tables and the graphical representation of the properties of steam on various coordinate systems.

Fourth Year—First Class

FIRST TERM

Combustion engines.—A series of laboratory exercises which are designed to permit the student to verify important principles and theories studied in the classroom and to become familiar with the mechanical cycles of operation of modern combustion engines, gas turbines, and their important auxiliaries.

SECOND TERM

Fundamentals of naval construction and damage control.—Laboratory exercises with models to demonstrate principles of buoyancy and stability supplemented by motion pictures and special devices.

Division of time

	Practical work	Number of hours	Total	Academic work	Number of hours	Total
FOURTH CLASS YEAR						
Summer term	General marine engineering and basic shop practices	54				
	Elementary engineering drawing	30	84			
First term	Engineering drawing	96	96	Examination	3	
Second term	Engineering drawing	36		Examination	3	
	Naval machinery	48				
	General marine engineering	12	96	Examination	2	8
Total for fourth class year			282			8
THIRD CLASS YEAR						
First term	Metals Laboratory shops	8		Engineering materials	24	
				Examination	2	
	Basic mechanisms	8		Basic mechanisms	24	
			16	Examination	3	53
Second term	Model room and laboratories	16		Naval machinery	48	
				Examination	3	
			16			51
Total for third class year			32			104
SECOND CLASS YEAR						
First term	Fluids mechanics laboratory	24		Fluid mechanics	36	
				Examination	3	
			24			39
Second term	Thermodynamics laboratory	32		Thermodynamics	48	
				Examination	3	
			32			51
Total for second class year			56			90
FIRST CLASS YEAR						
First term	Combustion engines laboratory	32		Combustion engines	32	
				Examination	3	
			32			35
Second term	Damage control laboratory	32		Fundamentals of naval construction and damage control	32	
				Examination	3	
			32			35
Total for first class year			64			70

AVIATION

1. *General objective.*—To instruct the midshipmen in those fundamentals of aviation which every naval officer must know; and to give them an insight into, and understanding of, the uses and potentialities of naval aircraft.

2. *Specific objectives.*—(*a*) To impart a basic knowledge of aviation history, nomenclature and fundamental theory in order that the midshipmen may attain an understanding of basic aviation principles and be able to comprehend their application in other references and study.

(*b*) To impart a general knowledge of existing aeronautical organizations and facilities in order that a well-balanced view of the place of aviation in the naval establishment may be obtained.

(*c*) To familiarize the midshipmen with the characteristics (including armament and armor) and tactical uses of naval aircraft, the basic considerations governing

their use, in order to foster an appreciation and understanding of the problems of employment of naval aircraft and their coordination with ground, surface, and under-surface units.

3. These objectives are realized in a step-by-step development based on the following considerations:

(*a*) First, instruct the midshipmen *why* a plane flies, by the study of aerodynamics.

(*b*) Second, instruct the midshipmen in aerology—the medium through which the aircraft flies.

(*c*) Third, instruct the midshipmen in operation and control of aircraft in flight, both positive and remote.

(*d*) Fourth, integrate with the foregoing, the subjects of naval air organizations, special aspects of naval aviation, and radiological defense, together with active participation in aerial flights to support the first three considerations enumerated above.

DESCRIPTION OF COURSE

Part I—An introduction to naval aviation at Naval Air Facility, Naval Academy, during fourth class summer.

Part II—Dunking drill, during the spring of academic year, for all third classmen in preparation for the summer cruise and in the interest of flight safety.

Part III—A 2 weeks carrier cruise, a continental air cruise, and naval aviation training at the Naval Air Facility during second class summer.

Part IV—Academic instruction, lectures, and practical instruction, including flying, during the second term of second class academic year.

Part V—Academic instruction, lectures, and practical instruction, including flying, during the regular first class academic year.

Supplementing these parts will be voluntary flying conducted from the Naval Air Facility, Annapolis, during week-end periods as authorized in accordance with the policy established by the Superintendent.

PART I

During fourth class summer at Naval Air Facility. Two periods of 2 hours each.

First period.—Ground instruction in aviation safety precautions and equipment; cockpit and plane familiarization; tour of the Naval Air Facility; lecture on flight physiology.

Second period.—A demonstration flight in a PBM–5A type, patrol bomber amphibian.

PART II

During regular academic second term (spring) of the third class year.

One practical instruction in which each midshipman learns how to properly escape from a ditched aircraft in a simulated emergency by being dunked in the water.

PART III

Second class summer.

The training of midshipmen second class during the summer is divided into three categories:

Part A—Carrier cruise training.

Part B—Aviation training at the U. S. Naval Academy.

Part C—Air cruises of continental U. S. A.

Carrier cruise.—Integration of midshipmen into the operating organizations of the carrier where by active participation they "learn by doing."

At the United States Naval Academy.—Broadening the aviation background

through the media of practical instruction with a balanced schedule of the following:

(*a*) Passenger flights in patrol and trainer type aircraft.
(*b*) Airborne electronics laboratory.
(*c*) Aircraft mobile trainer (PBM).
(*d*) ABM school—U. S. S. *Block Island.*
(*e*) Air safety movie program.
(*f*) Skeet shooting.

Continental air cruises.—Enlarge the aviation knowledge by visits to continental naval air stations where midshipmen observe basic presentations of the latest experimental and developmental projects, witness functioning of the Naval Air Training program and participate in air operations wherever feasible.

PART IV

During the second term of the second class academic year.

Four weeks of three periods weekly and 4 weeks of one period weekly, totaling 16 hours for the year, during the months of April and May, of practical instruction including aerological laboratory work and flight indoctrination.

Two hours weekly, totaling 16 hours, during the months of February and March of academic instruction including aerodynamics and aerology.

PART V

During the regular academic terms of the first class year.

Eight weeks of three periods weekly and 8 weeks of one period weekly, totaling 32 hours for the year, during the months of October, November, April, and May, of practical instruction including airborne electronics, Naval Aviation in the Pacific, World War II, flight physiology, progress of naval aviation, and flight indoctrination.

Two hours weekly, totaling 32 hours, during the months of December, January, February, and March of academic instruction including operations and control of naval air missions, and radiological safety.

PART VI.—*Division of time*

		Number of hours	Total
FOURTH CLASS YEAR			
Summer term	Introduction to naval aviation	4	4
THIRD CLASS YEAR			
Second term	Dunking drill	1	1
SECOND CLASS YEAR			
Second term	Practical instruction and flying	16	
	Academic instruction	16	
			32
FIRST CLASS YEAR			
First term	Practical instruction and flying	16	
	Academic instruction	16	
Second term	Practical instruction and flying	16	
	Academic instruction	16	
			64
Total second and first class years.			96

MATHEMATICS

General mission.—The mission of this department is to provide students with a knowledge of fundamental mathematical principles, a facility and accuracy in the use of mathematical processes and an aptitude for the application of mathematical concepts in the solution of naval and engineering problems. The courses in mathematics are planned in such a manner as to be of the greatest possible assistance to the midshipmen in their work in the Marine Engineering, Electrical Engineering, Seamanship and Navigation, Ordnance and Gunnery, and Aviation Departments.

Specific objectives.—(*a*) To give a comprehensive review of plane trigonometry as covered by the entrance requirements in order to establish a common background for further study. Introduction to use of slide rule.

(*b*) To teach mathematics not as a pure science but as a tool of the technical professions, and to teach only those branches of it which have direct naval application. The branches taught are algebra, plane and solid analytics, calculus, differential equations, applied mechanics, strength of materials and spherical trigonometry.

(*c*) To complete the subjects covered so as to coincide with their need in other departments.

(*d*) To stress the practical application of mathematics, particularly with respect to the requirements of the technical departments.

(*e*) To maintain close liaison with the technical departments in order that correlation and coordination may be established and duplications and diverse concepts and methods may be avoided.

First Year—Fourth Class

SUMMER TERM

Slide rule and comprehensive review of plane trigonometry.

FIRST TERM

College algebra.—Inequalities; complex numbers, treated both analytically and graphically, including the application of DeMoivre's theorem to the extraction of roots, etc.; theory of equations, including the remainder theorem, synthetic division, graphs of polynomials, Descartes' rule of signs, and the solution of numerical equations; determinants.

Analytic geometry.—Fundamental ideas, loci, curves, and equations; the straight line, the circle, parabola, ellipse, and hyperbola—their equations, properties, and applications; transformation of coordinates; trancendental curves; polar coordinates; parametric equations.

Solid analytic geometry.—Fundamental ideas; equations of planes, lines and quadric surfaces; cylindrical and spherical coordinates.

SECOND TERM

Calculus.—The course in calculus includes a study of fundamental ideas, derivatives, differentials, indefinite and definite integrals, velocity, acceleration, curvature, radius of curvature, and applications of these ideas.

Second Year—Third Class

FIRST TERM

Calculus.—Differentiation of transcendental functions, parametric and polar equations; curvature and radius of curvature; theorem of mean value and its application to indeterminate forms; integration of standard forms and further applications of integration to the calculation of areas, volumes, length of curves, etc.; infinite series and the expansion of functions by Maclaurin's and Taylor's formulas; hyperbolic functions; partial differentiation; multiple integrals.

Differential equations.—First order of differential equations; variables separable, homogeneous equations, linear equations; special types of second order equations; linear homogeneous and nonhomogeneous equations with constant coefficients; applications to mechanics, physics, and engineering.

SECOND TERM

Calculus continued.—(See first term.)

Mechanics (statics; dynamics of a particle).—Composition and resolution of forces; moments of forces; equilibrium; trusses; center of gravity; moment of inertia; friction; velocity and acceleration; Newton's laws of motion; motion of a particle acted on by a constant force; simple harmonic motion; damped vibrations; forced vibrations, and resonance; tangential and normal components of acceleration; radial and transverse components of acceleration; work and energy; impulse and impulsive forces; momentum; impact of elastic bodies.

Third Year—Second Class

FIRST TERM

Spherical trigonometry.—Geometry of the sphere; derivation of the fundamental formulas of spherical trigonometry; solution of right spherical triangles by Napier's rules of circular parts; solution of the practically important cases of oblique spherical triangles; orthographic projection; applications of spherical trigonometry to the terrestrial and celestial spheres.

Mechanics (dynamics).—Work and energy; kinetic energy of rotation; power, momentum and moment of momentum; motion of center of mass; rotation about a fixed axis; impulse and impulsive forces; impact of elastic bodies.

Mechanics (strength of materials).—Stress. strain and Hooke's law; torsion of shafts; shearing force and bending moment of beams; bending of beams; elastic curve and deflection of beams.

Division of time

	Work	Number of hours	Total
FOURTH CLASS YEAR			
Summer term	Slide rule	5	
	Review of plane trigonometry	21	
			26
First term	Algebra	22	
	Plane analytics	47	
	Solid analytics	11	
	Examination	3	
			83
Second term	Calculus	80	
	Examination	3	
			83
THIRD CLASS YEAR			
First term	Calculus	70	
	Differential equations	10	
	Examination	3	
			83
Second term	Calculus	9	
	Mechanics	71	
	Examination	3	
			83
SECOND CLASS YEAR			
First term	Spherical trigonometry	17	
	Mechanics	15	
	Strength of materials	16	
	Examination	3	
			51

ELECTRICAL ENGINEERING

The objective of this department is to impart the basic concepts and theories, together with some practical applications, of chemistry, physics, electricity and magnetism, electrical engineering and electronics. A study of the fundamentals of the physical sciences is pursued throughout the 4 years of the curriculum. Such emphasis is predicated upon the fact that, while a familiarity with present-day devices is a practical necessity, even more important is an understanding of the fundamental principles to which past, present, and future devices owe their existence. Midshipmen are caused to realize that progress depends on a mastery of basic truths, and that, as naval officers, they are being prepared to direct the development and use not only of the accomplished results of the physical sciences but of their future possibilities as well.

DESCRIPTION OF COURSE

First Year—Fourth Class

FIRST AND SECOND TERMS

Chemistry.—Fundamentals of chemical theory with a study of the properties of non-metals and metals. Among specific topics studied in *chemical theory* are the laws of chemical combination, kinetic molecular theory, atomic and nuclear structure, radioactivity and nuclear reactions, periodic table, valence, gas laws, solutions, colloids, ionization, thermochemistry, chemical equilibrium, electrochemistry. *Non-metals* studied include oxygen, hydrogen, halogens, nitrogen and sulfur families, silicon, carbon and simple organic compounds. *Metals* studied include the alkali and alkaline earth metals, copper, silver, tin, lead, zinc, aluminum, iron, nickel, chromium and manganese, and semimicro qualitative analysis. The theory of certain naval subjects such as explosives, corrosion, and water treatment is also included.

Second Year—Third Class

FIRST AND SECOND TERMS

Physics.—Fundamentals of mechanics, heat, wave motion, sound and light, electricity and magnetism. *Mechanics;* fundamental quantities of physics, vectors, uniform and accelerated motion, force, energy and power, rotational and simple harmonic motion, equilibrium, elasticity, momentum and impact, liquids at rest and in motion. *Heat;* temperature, effects of heat, calorimetry and change of state, gas laws and kinetic theory, transfer of heat, elementary thermodynamics. *Wave motion, sound and light;* wave motion, sound production, reception and control, geometrical optics and optical instruments, physical optics, interference, diffraction and polarization. *Electricity and magnetism;* laws of magnetism and electrostatics, Ohm's law, direct current parameters and circuits, electromagnetism, inductance and capacitance, induced electromotive force. The theory of certain naval subjects such as trajectory-in-vacuo, the gyroscope, and optical instruments is also included.

Third Year—Second Class

FIRST AND SECOND TERMS

Electricity and magnetism.—Basic principles of electricity and magnetism; magnetic and electrostatic fields, potential, charge, capacitance, magnetic fields due to current, magnetic forces.

Electrical engineering.—Principles of electricity and direct currents; relationship of current, emf and resistance, resistivity, the elementary direct current circuit, energy and power, magnetism and electromagnetism, generated and induced voltages, the magnetic circuit, direct current instruments, the electric field, capacitance, armature reaction and commutation, principles and operating characteristics of direct current generators and motors. Machine efficiencies and ratings, electrolytic conduction and batteries. *Alternating currents:* A-C emf and currents, vector representation, series and parallel a-c circuits, power in single and polyphase circuits, transformers, polyphase induction motors, alternators, synchronous motors, parallel operation of generators, synchronous converters, single phase motors, a-c transmission and distribution.

Fourth Year—First Class

FIRST TERM

Electrical engineering (continued).—Review of circuit theory for series and parallel circuits, a-c meters, power in single and polyphase circuits, delta and wye connections, transformers, induction motors, alternators, synchronous motors, parallel operation, single phase motors. The laboratory work paralleling the course emphasizes the characteristics of a-c motors and alternators.

SECOND TERM

Electronics.—Theory and basic principles of electronics. Subject matter includes: electron emission and ballistics in vacuum and gas-filled tubes; radio and audio-frequency voltage and power amplifiers; impedance matching; common types of oscillators, radio transmitters and receivers; transmission lines; coaxial cables, wave guides, antennas, directive beams and radiation patterns, microwave technique; cathode-ray tubes and oscilloscopes. Radar, Loran, Sonar and other modern developments are included. Basic theory is stressed so that a foundation is acquired for understanding and evaluating future developments in this field.

Division of time

	Practical work	Number of hours	Total	Academic work	Number of hours	Total
FOURTH CLASS YEAR						
Summer term	Indoctrination in Chemistry laboratory.	10	10	Chemistry:		
First term	Chemistry laboratory	32	32	Recitations [1]	47	
				Examination	3	50
Second term	do	30	30	Chemistry:		
				Recitations [1]	47	
				Examination	3	50
THIRD CLASS YEAR						
First term	Physics laboratory	16	16	Physics:		
				Recitations [1]	47	
				Examination	3	50
Second term	do	15	15	Physics:		
				Recitations [1]	62	
				Examination	3	65
SECOND CLASS YEAR						
First term	Electrical engineering laboratory.	16	16	Electrical engineering:		
				Recitations [1]	47	
				Examination	3	50
Second term	do	30	30	Electrical engineering:		
				Recitations [1]	47	
				Examination	3	50
FIRST CLASS YEAR						
First term	do	32	32	Electrical engineering:		
				Recitations [1]	31	
				Examination	3	34
Second term	Electronics laboratory	30	30	Electronics:		
				Recitations [1]	31	
				Examination	3	34

[1] Lectures are included as part of certain recitations.

ENGLISH, HISTORY, AND GOVERNMENT

1. *General objective.*—To teach midshipmen to read with understanding and to express themselves, both in speech and writing, with clarity and effectiveness; to instill in them an appreciation of good literature; to acquaint them with the significant facts and trends of history and the forces affecting international relations; to give them that knowledge of government, economics, and national policies which is a foundation for the responsibilities of citizenship and public service.

2. *Specific objectives.*—(*a*) By study and practice to impart a thorough knowledge of the principles and practices of oral and written composition, with particular emphasis on exposition and speech, in order that the midshipmen may attain the ability to express themselves clearly, concisely, logically, and correctly.

(*b*) To teach midshipmen to read with understanding, and by the study of great literature to increase their vocabularies, their range of ideas, their appreciation of good writing, their knowledge of human nature, and their understanding of peoples and the motives that actuate them.

(*c*) To acquaint midshipmen with the main trends of modern history in order that they may appraise the past and recognize the social, geographic, economic, and political forces influencing international relations.

(*d*) To supply a fundamental knowledge of the principles and organization of the United States Government under the Constitution, to show how it operates and to acquaint midshipmen with constitutional foundation of their duties, obligations, and authority based on the Constitution.

(*e*) To acquaint midshipmen with the fundamental concepts of economics and the nature of current politico-economic problems and the influence of all these on policies and operations of the organization for national security.

(*f*) To acquaint midshipmen with the principal aspects of the past and present foreign policies of the United States and to show how they have resulted from, and in turn influenced, our national development.

(*g*) To acquaint midshipmen with the development of naval power and the modern navy, particularly that of the United States; to note the influence of changing techniques and weapons upon that development; to interpret the role of sea power in the world of the past and the present; to illustrate the characteristics of leadership from the example of great leaders of the past; to inform midshipmen of the various forces, especially the economic, geographic, and political, which are the determinants of national security and influence in international affairs.

3. These objectives are realized as follows:

(*a*) In the study of composition, by constant, carefully criticized practice in writing and speaking, such practice to be guided by the use of standard textbooks on rhetoric and current English usage, and enriched by reading and discussing selections from the works of outstanding modern writers. *Continued practice in composition and speech is an integral part of all courses taught. Throughout the entire 4-year course midshipmen are given progressive instruction and exercise in writing, culminating in their last year in a term paper upon a naval subject upon which they have exercised the general principles of scholarly research.* About 2 weeks of the first term in the fourth class year, midshipmen get instruction and practice in speech. In the second class year, second term, one period a week is devoted to speaking. Throughout the first class year practical experience in after-dinner speaking is given in the After-Dinner Speaking Rooms after the evening meal.

(*b*) In the study of literature by supervised reading, discussion and interpretation of representative literary works.

(*c*) In the study of European history, United States Government, United States foreign policy, and economics by the use of textbooks, pamphlets, maps, and other suitable material prepared either in the department or outside.

(*d*) In the study of naval history, by textbooks and visual aids, covering both general and United States history with particular emphasis upon technological developments, the influences of new types and weapons, world trade routes, sources of strategic materials, amphibious operations, and map study to enhance the midshipmen's knowledge of geography. The course acquaints the midshipmen with the principal naval traditions and lays the essential foundation for later professional study of strategy and tactics, and seeks to arouse an early interest in such study.

4. Fourth class summer is devoted to learning the organization and operation of the library and practice in using it, to reading a certain number of books chosen from a prescribed list, and to writing an essay on a naval subject.

5. There is a series of Friday evening lectures for the first class on philosophy, literature, history, government, economics, and international affairs by speakers outstanding in these fields. The integrated groupment of the lectures is significant. Beginning with a presentation of the all-inclusive role of philosophy in our civilization, they carry through an interpretation of the part played in the humanities and the social science in modern life.

6. Time allotted to this department:

	Hours
Recitations	360
Evening lectures	5

Plus the following, for which no semester credits are given:

Fourth class summer, 9 library and reading periods:

First class year, after-dinner speaking, each midshipman to speak three times.

First Year—Fourth Class

SUMMER TERM

Fourth class summer is devoted mainly to indoctrination which includes the required reading of books from a prescribed list; instruction in the arrangement and use of the library, together with practical exercises in such use; the writing of a short essay on a naval topic. This work is designed to aid the midshipmen in the transition from civilian to military life, and to introduce him to sources from which he can derive knowledge of the history and spirit of the Navy and its great leaders.

FIRST TERM

Composition and literature.—The purpose of this course is to teach midshipmen to read with understanding and, by constant practice in writing and speaking, to express their own ideas clearly and correctly. During this term emphasis is on composition, especially exposition. Reading assignments are required to acquaint the midshipmen with the principles which they must apply in their oral and written work. Approximately 2 weeks are devoted to the preparation and delivery of speeches.

SECOND TERM

Composition and literature.—The purpose cited in the first-term course is continued during the second term. The principal emphasis, however, is on literature, especially modern English literature. Midshipmen are required to understand the thought and structure of the various selections and to explain and discuss them.

Second Year—Third Class

FIRST TERM

Modern European history.—This course consists of a study of European history from the Renaissance to the present time. The past is studied with the present continually in mind. In addition to the study of a textbook, the course includes classroom lectures and map work.

SECOND TERM

United States foreign policy.—The course in foreign policy consists of study of a textbook supplemented by classroom lectures. Emphasis is placed upon the part played by naval officers in relations with foreign countries.

Third Year—Second Class

FIRST TERM

United States Government.—The course considers the characteristics of our Government as delimited by the Constitution and stresses those aspects upon which the duties and obligations of the naval officer are founded.

SECOND TERM

Economics.—The course in economics consists of a study of a text which presents the fundamental concepts of economics, together with classroom discussion and study of current economic problems.

Fourth Year—First Class

FIRST TERM

Naval history.—The course consists of a study of textbooks on general and United States naval history, supplemented by collateral reading, classroom lectures, map work, and visual aids. Based upon the principles of war enunciated in Mahan's writings, the course considers the rise of naval power in the Mediterranean, and traces the causes, course, and results of naval actions up to the present and the influence of naval leadership in the various engagements. One recitation a week for 8 weeks is devoted to learning the basic principles of research by theory and practice. The foundations for writing a term paper on a naval subject are laid and most of the preliminary work is accomplished by the end of the term.

SECOND TERM

European literature.—Five literary masterpieces, one each from the literature of Spain, France, Germany, Norway, and Russia, are studied at length to gather not only an appreciation of their excellence as literature but as a basis for an understanding of the national, social, moral, intellectual, and political motivations and values of the peoples who consider these works among the greatest achieved by their nationals. Stress is laid on social and national customs, characteristics, motives, and ideals. For the first 8 weeks of the term, one recitation period a week is devoted to completing the research for the term paper and writing it.

FIRST AND SECOND TERMS

After-dinner speaking.—The purpose of this course is to give midshipmen practice and training, under realistic conditions, in this type of speaking. Each midshipman of the first class speaks three times at formal dinners held in the banquet rooms in Bancroft Hall.

Special lectures.—A course of five Friday evening lectures in the social-humanistic area is given by outstanding speakers and leaders in their respective fields.

Division of time

	Course	Number of hours	Total
FIRST YEAR—FOURTH CLASS			
Summer term	Library periods	9	9
First term	Composition and literature	47	
	Examination	2½	49½
Second term	Composition and literature	47	
	Examination	2½	49½
SECOND YEAR—THIRD CLASS			
First term	Modern European history	47	
	Examination	2½	49½
Second term	United States foreign policy	31	
	Examination	2½	33½
THIRD YEAR—SECOND CLASS			
First term	Government	31	
	Examination	2½	33½
Second term	Economics	31	
	Examination	2½	
	Speech	8	41½
FOURTH YEAR—FIRST CLASS			
First term	Naval history	47	
	Examination	2½	
	After-dinner speaking	2	
	Term paper	8	59½
Second term	European literature	47	
	Examination	2½	
	After-dinner speaking	2	
	Term paper	8	59½

FOREIGN LANGUAGES

1. *General objective.*—To provide every midshipman with a working knowledge of one foreign language and a knowledge of the area, the civilization, the customs, and the history of the people whose language is being studied.

2. *Specific objectives.*—(*a*) For midshipmen enrolled in the regular language course: To enable them to communicate in simple phraseology in one of the following languages: French, Spanish, German, Portuguese, Russian, or Italian, and to understand the nature of the people whose language is being studied.

(*b*) For midshipmen enrolled in the advanced language course (French or Spanish): To provide them with such an all-round working knowledge of the foreign language that they will be able to discuss, with assurance, subjects embraced within their professional knowledge and in international affairs pertaining to the people whose language is being studied.

3. The above objectives are realized as follows:

(*a*) A midshipman may, insofar as practicable, elect the foreign language (French, Spanish, German, Portuguese, Russian, or Italian) that he will study while at the Naval Academy. Reverse Portuguese/Spanish is assigned to midshipmen from other American republics who are in need of further training in the English language.

(*b*) By ample study and conversational practice in the language, employing modern teaching methods and textbooks selected for area study as well as fundamentals of the language. Emphasis is placed on pronunciation, intonation,

correct reading habits, capacity for thinking in the foreign language, and understanding the characteristics of the people speaking that language.

4. The entering class is divided into groups approximately as follows: 45 percent study Spanish, 23 percent French, 9 percent Portuguese, 9 percent German, 10 percent Russian, and 4 percent Italian.

Division of time

	Number of hours	Total	Total for year
FOURTH CLASS			
Summer term: Pronunciation	5	5	
First term:			
Recitations	48		
Examination	3		
		51	
Second term:			
Recitations	48		
Examination	3		
		51	107
THIRD CLASS			
First term:			
Recitations	48		
Examination	3		
		51	
Second term:			
Recitations	48		
Examination	3		
		51	102

HYGIENE

1. *General objective.*—To inculcate in the midshipmen a sound appreciation of the value and necessity of personal hygiene; and to prepare the midshipmen for the assumption of those responsibilities for the promotion and safeguarding of health, including mental health, which are the functions of command.

2. *Specific objectives.*—(*a*) To prepare the midshipmen to make their fullest personal contribution to the continuance of their health and thus to their scholastic and extracurricular achievements.

(*b*) To acquaint them with general physiology, bacteriology, sanitation, personal hygiene, including mental hygiene and the effects of narcotics, stimulants, and alcohol; naval hygiene; factors of health in relation to modern warfare; and first aid.

3. The above objectives are realized as follows:

(*a*) A short course of lectures on personal hygiene during fourth class summer.

(*b*) A course of lectures and motion pictures augmented by a textbook for reference purposes during the third class year.

Description of Course

FOURTH CLASS YEAR

Two 1-hour lectures on personal hygiene, including social and mental hygiene, oral hygiene, care of the eyes, preventable diseases, and rules for maintaining health. Moving pictures are employed. No textbook is required.

THIRD CLASS YEAR

Eleven lectures covering the following subjects: Elementary anatomy, physiology, bacteriology; community and social hygiene, control of epidemics; personal hygiene, including mental hygiene, the effects of narcotics, stimulants, alcohol and tobacco; fatigue, its causes, effect, and control; naval hygiene; field hygiene, including hygiene of the camp and march; hygiene in relation to modern warfare;

general first aid; care of battle casualties and survivors of disasters at sea. Moving pictures are utilized with these lectures, and a textbook compiled especially for midshipmen is available for reference purposes.

Division of time

	Number of hours	Total
THIRD CLASS YEAR		
Lectures	11	
Examination	1	
		12
FOURTH CLASS YEAR		
Lectures	2	2

PHYSICAL TRAINING

1. *General objective.*—To develop the skill, strength, endurance, agility, and competitive spirit of the midshipmen in order that they may:

(1) Be capable of surmounting severe physical hardships.

(2) Be proficient in training and instructing others.

(3) Acquire useful habits of physical fitness which they will carry with them through life.

2. *Specific objectives.*—(*a*) To build up strength and endurance and to correct definite weaknesses by means of a closely supervised and regular program of physical drills.

(*b*) To develop agility, coordination, and the ability to handle oneself without weapons through a supervised and compulsory program of athletic drill periods consisting of individual instruction and participation in selected competitive sports, with emphasis on the attainment of ability to train and instruct others.

(*c*) To encourage in every midshipman the habit of healthful recreation; to develop team play and to foster aggressiveness, through a program of intramural sports.

(*d*) To develop interest, Academy spirit, team play, incentive to excel, ability to perform under pressure, and to provide occasions for association with students of other colleges through a comprehensive program of intercollegiate sports.

3. The above objectives are realized as follows:

(*a*) and (*b*) By a well-selected program of drills and athletic periods, closely coordinated with the drill programs of other departments, particularly executive, aviation, and seamanship, to the end that physical exercise will be regular and well distributed. This program is supplemented by regular tests to demonstrate progress and to indicate specific weaknesses, and further supplemented by extra instruction, under close supervision, for the backward.

(*c*) By an organized program of intramural sports scheduled during recreation hours. This affords each midshipman a minimum of 3 hours exercise weekly through participation in organized athletics, not only teaching the skills required by the various sports, but developing aggressiveness, determination, the will-to-win, and the essentials of team work. Sports having a "carry-over" value are included in the program each sports season to the extent that facilities permit. It is hoped that the interest stimulated in these sports through participation at the Academy will be continued after graduation and serve as a medium of exercise and recreation after joining the fleet. The opportunities afforded the members of the first class to employ initiative and gain experience in coaching and managing the various teams, and in officiating the many contests is of a value that cannot be fully appreciated until an officer is called upon to perform those duties in connection with fleet athletics.

One of the many advantages of the sports program is that the novice athlete has no difficulty in finding an opportunity for practice and competition. This is due to the number of sports which each season include at least one that demands no previous experience, and to the fact that the range of competition is so wide that "expert athletes" are distributed to a thinness which does not embarass the beginner.

(*d*) By scheduling athletic contests with leading colleges. A comprehensive program of intercollegiate sports is maintained to provide occasions for team experience and for association with students of other colleges.

DESCRIPTION OF COURSE

First Year—Fourth Class

SUMMER TERM

Preliminary examinations in swimming, posture, and athletic ability. Testing in physical achievement and preparing of class standing. Instruction in elementary swimming, boxing, wrestling, and basketball. Indoctrinational instruction in track, lacrosse, tennis, football, soccer, and fencing.

FIRST AND SECOND TERMS

Fundamental instruction in swimming, boxing, wrestling, tennis, handball, gym-agility, posture, soccer, fencing, and basketball. Testing in applied strength and agility.

SECOND YEAR—THIRD CLASS

Continuation of instruction in swimming, boxing, wrestling, tennis, gym-agility, soccer, and basketball. Testing in applied strength and agility.

THIRD YEAR—SECOND CLASS

Advanced instruction in swimming, boxing, wrestling, tennis, soccer, and basketball. Instruction in golf, squash, hand-to-hand combat and mass exercise are added. Testing in applied strength and agility.

FOURTH YEAR—FIRST CLASS

None.

Division of time

Practical work	Number of hours		
	Fourth class year	Third class year	Second class year
Swimming	12	12	[1] 10
Boxing	10	6	[1] 5
Wrestling	8	6	[1] 5
Agility test	1	1	1
Applied strength test	1	1	1
Tennis	2	2	5
Golf	0	0	8
Squash	0	0	2
Handball	1	0	0
Hand-to-hand	0	0	4
Gym-agility	4	2	0
Posture	1	0	1
Mass exercise	0	0	2
Soccer	3	1	[2] 2
Fencing	2	0	0
Basketball	3	1	[2] 2
Total	48	32	48

[1] Includes 1 officiating lesson. [2] Officiating.

Throughout the entire 4 years a comprehensive program of intramural and intercollegiate athletics is conducted for the purpose of developing competitive spirit, confidence, teamwork, loyalty, leadership, and social contact.

In the current year there will be 478 intramural athletic squads coached by midshipmen in 24 different sports. These squads will engage in 2,542 intramural contests officiated by midshipmen. In addition thereto, there will be 42 varsity, junior varsity, and plebe squads in 21 different sports competing in 278 intercollegiate athletic contests.

NAVAL ACADEMY SAILING SQUADRON

The United States Naval Academy Sailing Squadron was formed in 1941 as an adjunct to the training of midshipmen, to increase their familiarity with larger sailing craft, and to encourage their love for the sea. The active squadron consists of the 71-foot staysail ketch *Vamarie*, the 61-foot cutter *Highland Light*, twelve 43-foot yawls, and the 44-foot sloop *Norderney*. Due to the lack of funds and a shortage of enlisted personnel the following additional yachts have been retained in caretaker status during the past year: The 88-foot schooner *Freedom*, and the 40-foot schooner *Elizabeth*. In addition to yachts of the active squadron there are eighteen 26-foot knockabouts and eleven 30-foot sailing whaleboats. Smallest of the United States Naval Academy sailing craft but not part of the Sailing Squadron are the eight international star boats and the thirty 12-foot dinghies, which are used for Intercollegiate and informal competition by members of the United States Naval Academy sailing team.

LIBRARY

Mission.—The Naval Academy Library is the principal reference and research organization for the Severn River Naval Command, organized under a professional librarian and library staff to provide books, documents, and information to aid the naval service. Its primary responsibility is to the Superintendent, to the officers and civilian faculty and to the midshipmen, but it also performs important service for the officers stationed throughout the Command. As occasion may demand, it extends its assistance farther afield to individuals throughout the country and even to foreign institutions.

To render these services it has assembled the largest collection of naval books, documents, and periodicals in the United States. The guiding aim is to procure the latest authoritative material in all major fields of knowledge.

Location and holdings.—The library is housed in large, attractive reading and stack rooms in Mahan and Maury Halls. The collection comprises about 125,000 volumes, increasing at the rate of 4,000 volumes a year with many popular, technical, and naval magazines. The collection of naval histories and of naval biographies, of works on the development of various types of ships, of seamanship, navigation, aeronautics, ordnance, and gunnery is especially strong. It is well developed in history, biography, international law and relations, travel, and in reference works, with other subjects in less degree. In addition, a collection of the best current fiction is maintained for recreational reading. The books and periodicals are arranged on open shelves providing convenient access.

Bulletin boards in the library and in Bancroft Hall announce the new books. Further, to show what the library has to offer and to promote its use and service, a mimeographed bulletin is issued once a week, containing the titles of 35 to 40 of the latest books acquired, and giving beneath each title a brief annotation describing its outstanding features. Often these bulletins are made up in part from the titles of articles contained in the publications of naval, military, or engineering societies, and at other times of those of naval interest appearing in the general

periodicals. The bulletin is made available to all officers, professors, and midshipmen.

Use of the library is extensive with the number of books circulated in 1948–49 amounting to 52,299 volumes and with the reference and research work being carried on in response to 3,368 requests for information. All midshipmen are required during their first summer to spend 2 hours a week under the direction of the Library staff for instruction in the use of the various periodical indexes, reference books, and other library tools. The purpose is to acquaint midshipmen with the location of the books, to teach the use of the catalog, and the best ways to look up topics on which information is sought.

The library provides officers, instructors, and midshipmen not only with facilities for advancing their professional training, but it also offers opportunities for cultural and recreational reading.

Library hours: 9 a. m. to 6:15 p. m. daily including Saturdays; Sundays 2 to 6 p. m.

Regimental libraries.—In addition to the main library, small libraries are maintained in Bancroft Hall—one for each regiment. These collections enable midshipmen to have ready access to reference books, including naval histories, during study hours when it is not possible to visit the large collections in the main library.

Departmental libraries.—Each of the departments of instruction maintains a departmental library of the works related to its particular field for use of the instructional staff.

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